

Converting Colors

XYZ(82.3242, 88.8674,
100.2429)

Have a look what the booklet for
XYZ(82.3242, 88.8674, 100.2429)
contains.

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Color

**XYZ(82.2420, 88.9476,
100.0228)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F5F6
RGB	231, 245, 246
RGB Percent	91%, 96%, 96%
CMY	0.0941, 0.0392, 0.0353
CMYK	0.06, 0.00, 0.00, 0.04
HSL	184°, 45%, 94%
HSV	184°, 6%, 96%
XYZ	82.2420, 88.9476, 100.0228
YIQ	240.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

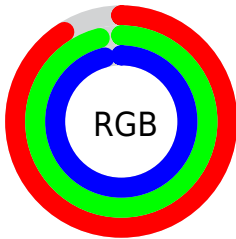
Format	Color
R _Y B	231, 238, 246
Decimal	15201782
CIE Lab	95.56, -4.40, -2.08
CIE LCh	96, 4.867, 205.283
Yxy	88.9476, 0.3032, 0.3280
Android (android.graphics.Color)	4293391862 (0xFFE7F5F6)
YUV	240.9280, 2.5005, -8.7069
Hunter-Lab	94.3120, -9.3905, 3.1383

Details

The XYZ color **82.2420, 88.9476, 100.0228** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.2868, 83.0749, 87.3535**, and the grayscale version is **83.5405, 87.8911, 95.7134**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1711, 49.2269, 55.8362** is the 20% darker color. If you saturate the color by 10%, you get **74.3621, 84.1573, 99.5149**, and if you desaturate by 10%, it is **91.0254, 94.2151, 100.5780**.

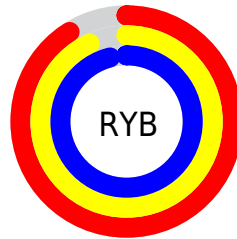
Distribution



Red (91%)

Green (96%)

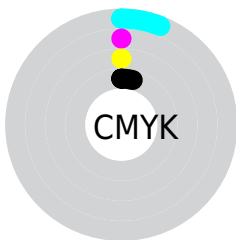
Blue (96%)



Red (91%)

Yellow (93%)

Blue (96%)

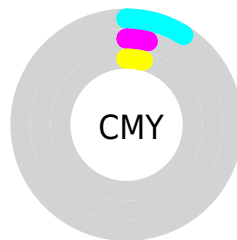


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2420, 88.9476, 100.0228 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 82.2420, 88.9476, 100.0228 by changing the saturation by 10% instead.

82.2420, 88.9476,
100.0228

82.2420, 88.9476,
100.0228

491.0790,
524.6015, 581.5131

61.8798, 67.1081,
75.7026

135.4474,
145.8757, 163.2407

45.1908, 49.1725,
55.6835

169.0213,
181.7331, 202.9754

31.8097, 34.7563,
39.5469

207.7298,
223.0319, 248.6854

21.3710, 23.4752,
26.8744

251.9383,
270.1566, 300.7892

13.5095, 14.9448,
17.2473

302.0121,
323.4915, 359.7053

7.8597, 8.7807,
10.2471

358.3166,

4.0564, 4.5984,

383.4210, 425.8523

5.4554

421.2171,
450.3295, 499.6487

■ 1.7341, 2.0136,
2.4535

■ 0.4775, 0.6154,
0.8153

■ 82.2420, 88.9476,
100.0228

■ 82.2420, 88.9476,
100.0228

■ 74.3621, 84.1573,
99.5149

■ 91.0254, 94.2151,
100.5780

■ 67.5536, 79.9233,
99.0565

■ 91.5262, 95.2168,
100.7449

■ 61.7696, 76.2239,
98.6473

■ 92.0315, 96.2273,
100.9133

■ 56.9566, 73.0315,
98.2847

■ 92.5411, 97.2465,
101.0832

■ 53.0563, 70.3161,
97.9662

■ 93.0552, 98.2746,
101.2545

■ 50.0041, 68.0442,
97.6885

■ 93.5736, 99.3115,
101.4274

■ 47.7270, 66.1783,
97.4484

■ 93.6348, 99.4339,
101.4478

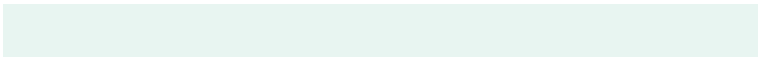
■ 46.1396, 64.6744,
97.2418

■ 45.1359, 63.4776,
97.0637

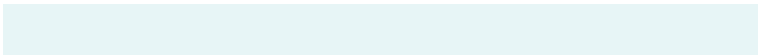
Harmonies

Analogous

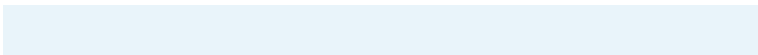
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0093, 88.9476, 96.2455



82.2420, 88.9476, 100.0228



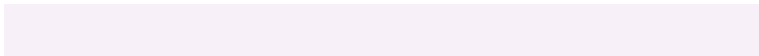
83.0884, 88.9476, 103.0185

Triad

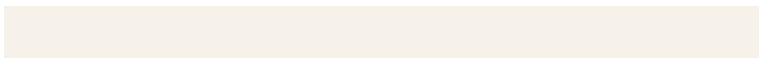
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2420, 88.9476, 100.0228



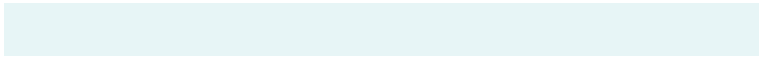
86.6697, 88.9476, 101.0966



84.7533, 88.9476, 89.7049

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



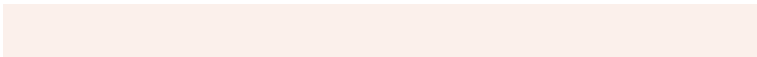
82.2420, 88.9476, 100.0228



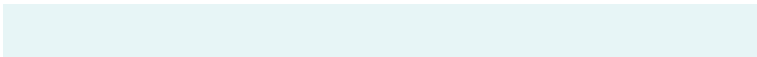
81.2868, 83.0749, 87.3535

Split Complementary

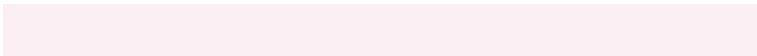
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0125, 88.9476, 90.9305



82.2420, 88.9476, 100.0228



87.1263, 88.9476, 97.4547

Square

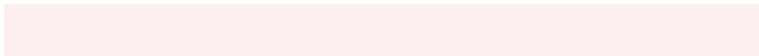
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.2420, 88.9476, 100.0228



85.6431, 88.9476, 103.6498



86.8845, 88.9476, 93.7427



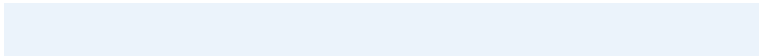
83.4504, 88.9476, 90.3520

Rectangle

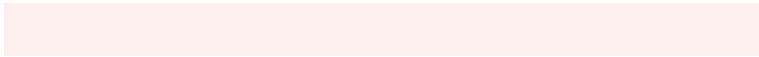
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



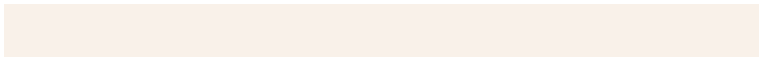
82.2420, 88.9476, 100.0228



83.8915, 88.9476, 104.1350



86.8845, 88.9476, 93.7427



85.1959, 88.9476, 89.9106

Sweetspot

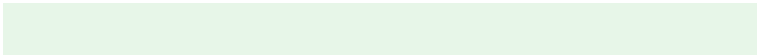
The Sweet Spot groups the original color and five complimentary colors.



82.2445, 88.9514, 100.0248



93.0906, 98.8296, 108.7774



80.4422, 88.7140, 89.0431



19.9457, 21.1659, 23.2841



0.0000, 0.0000, 0.0000



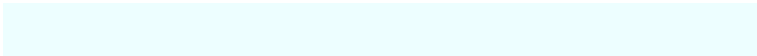
20.3446, 21.4041, 23.3091

Same Dimension

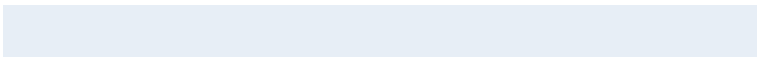
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2445, 88.9514, 100.0248



88.4081, 96.0163, 108.4811



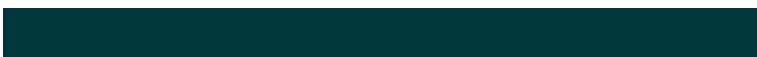
80.0928, 84.6479, 99.3075



17.2263, 18.7575, 21.2552



23.9739, 33.7416, 51.7872



2.1349, 3.0213, 4.5609

Inverse Universe

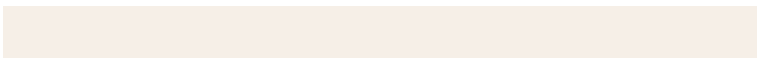
The Inverse Universe completely reimagines the original color for something new.



83.0654, 83.3390, 98.0987



89.4273, 89.0592, 106.0871



83.3710, 87.2433, 88.0483



17.4416, 17.2888, 20.7489



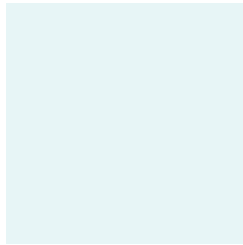
27.9054, 13.5056, 41.0719



2.4667, 1.1926, 3.6839

Previews

White Background



This preview shows how the XYZ color 82.2420, 88.9476, 100.0228 looks on a white background.

Color Contrast Check

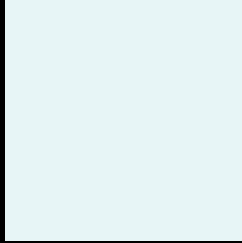
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 82.2420, 88.9476, 100.0228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

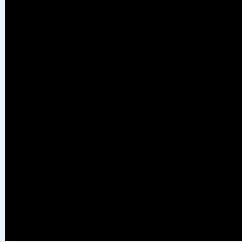
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

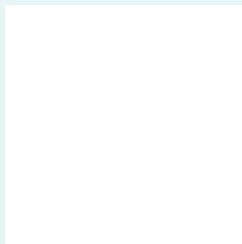
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2420, 88.9476, 100.0228

Background



This preview shows how black text looks on a background with the XYZ color 82.2420, 88.9476, 100.0228.



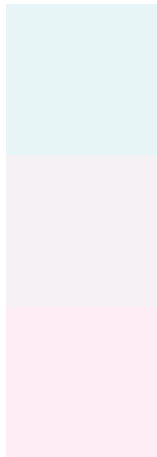
This preview shows how white text looks on a background with the XYZ color 82.2420, 88.9476,

100.0228.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.2420, 88.9476, 100.0228

Protanopia

85.7905, 89.0351, 98.2518

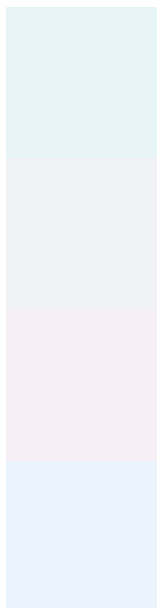
Deuteranopia

88.1587, 88.4822, 99.6211

Tritanopia

84.7272, 88.7288, 107.2685

Trichromacy



Original Color

82.2420, 88.9476, 100.0228

Protanomaly

84.5092, 88.7976, 99.0717

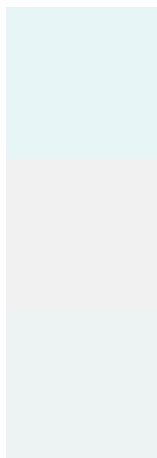
Deuteranomaly

85.8007, 88.5668, 99.7617

Tritanomaly

83.8822, 88.7916, 104.8129

Monochromacy



Original Color

82.2420, 88.9476, 100.0228

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.8548, 87.9799, 97.4089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2420, 88.9476, 100.0228 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 245, 246)` looks like.

```
.text, #text, p{  
    color:rgb(231, 245, 246)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 245, 246) }
```

Border

The CSS property to change the border of an element to XYZ 82.2420, 88.9476, 100.0228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 245, 246) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 245, 246) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 245, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(231, 245,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2420, 88.9476, 100.0228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 245, 246) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
245, 246) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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