

Converting Colors

XYZ(80.6791, 88.1076, 91.8520)

Have a look what the booklet for
XYZ(80.6791, 88.1076, 91.8520)
contains.

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Color

**XYZ(80.7477, 88.3499,
92.1543)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F5EC
RGB	231, 245, 236
RGB Percent	91%, 96%, 93%
CMY	0.0941, 0.0392, 0.0745
CMYK	0.06, 0.00, 0.04, 0.04
HSL	141°, 41%, 93%
HSV	141°, 6%, 96%
XYZ	80.7477, 88.3499, 92.1543
YIQ	239.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

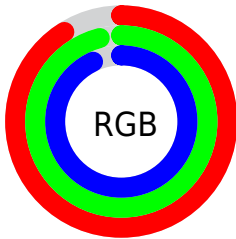
Format	Color
R _Y B	231, 241, 245
Decimal	15201772
CIE Lab	95.31, -6.22, 2.73
CIE LCh	95, 6.796, 156.337
Yxy	88.3499, 0.3091, 0.3382
Android (android.graphics.Color)	4293391852 (0xFFE7F5EC)
YUV	239.7880, -1.8675, -7.7071
Hunter-Lab	93.9946, -11.1471, 7.6671

Details

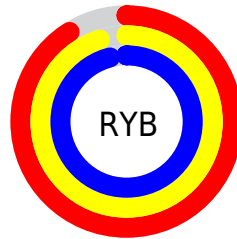
The XYZ color **80.7477, 88.3499, 92.1543** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9635, 82.8577, 94.1154**, and the grayscale version is **82.6780, 86.9837, 94.7252**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1150, 48.8044, 50.2751** is the 20% darker color. If you saturate the color by 10%, you get **71.1984, 83.6824, 80.2833**, and if you desaturate by 10%, it is **91.4259, 93.5810, 105.1356**.

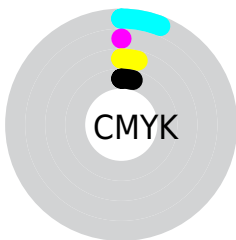
Distribution



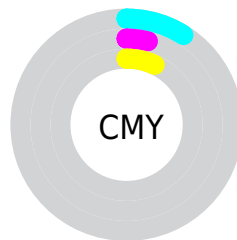
- Red (91%)
- Green (96%)
- Blue (93%)



- Red (91%)
- Yellow (95%)
- Blue (96%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.7477, 88.3499, 92.1543 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 80.7477, 88.3499, 92.1543 by changing the saturation by 10% instead.

80.7477, 88.3499,
92.1543

80.7477, 88.3499,
92.1543

486.1473,
522.6484, 555.7640

60.6444, 66.6129,
69.1850

133.3615,
145.0442, 152.2888

44.1897, 48.7701,
50.3897

166.6026,
180.7703, 190.2911

31.0182, 34.4371,
35.3498

204.9538,
221.9281, 234.1415

20.7646, 23.2296,
23.6468

248.7804,
268.9022, 284.2586

13.0635, 14.7632,
14.8620

298.4476,
322.0769, 341.0608

7.5496, 8.6533,
8.5771

354.3210,

3.8575, 4.5158,

381.8365, 404.9667

4.3733

416.7658,
448.5656, 476.3950

■ 1.6218, 1.9661,
1.8323

■ 0.4066, 0.5876,
0.4491

■ 80.7477, 88.3499,
92.1543

■ 80.7477, 88.3499,
92.1543

■ 71.1984, 83.6824,
80.2833

■ 91.4259, 93.5810,
105.1356

■ 62.9044, 79.6369,
69.4959

■ 91.9441, 93.7883,
107.8647

■ 55.8141, 76.1898,
59.7633

■ 49.8689, 73.3116,
51.0534

■ 45.0056, 70.9703,
43.3324

■ 41.1542, 69.1306,
36.5644

■ 38.2362, 67.7529,
30.7116

■ 36.1607, 66.7910,
25.7330

■ 34.8163, 66.1883,
21.5846

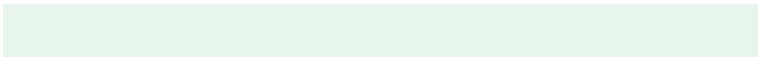
Harmonies

Analogous

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



81.8772, 88.3499, 88.1981



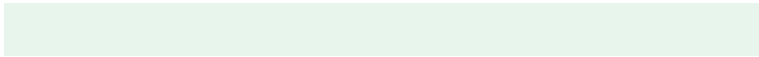
80.7477, 88.3499, 92.1543



80.4770, 88.3499, 97.3305

Triad

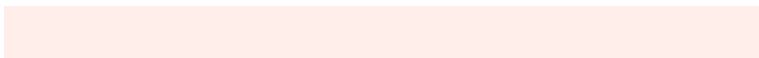
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7477, 88.3499, 92.1543



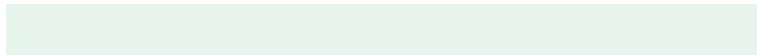
84.3684, 88.3499, 106.7171



86.8814, 88.3499, 90.2686

Complementary

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



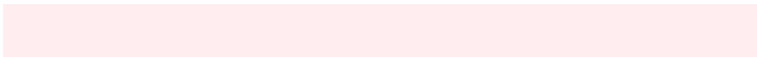
80.7477, 88.3499, 92.1543



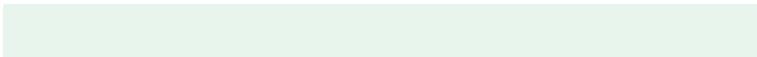
81.9635, 82.8577, 94.1154

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.



87.5708, 88.3499, 95.0743



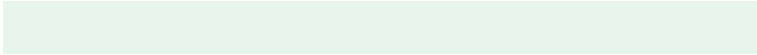
80.7477, 88.3499, 92.1543



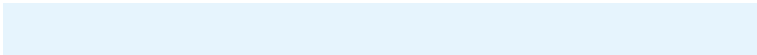
86.1062, 88.3499, 104.6676

Square

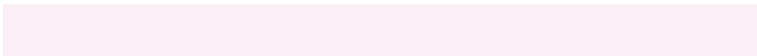
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



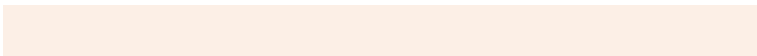
80.7477, 88.3499, 92.1543



82.5498, 88.3499, 105.8655



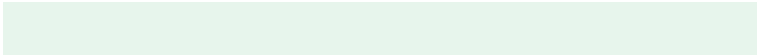
87.2850, 88.3499, 100.3583



85.4143, 88.3499, 87.1378

Rectangle

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



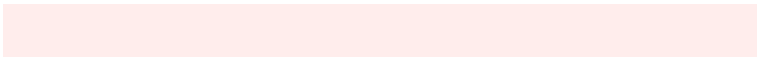
80.7477, 88.3499, 92.1543



80.8163, 88.3499, 100.8037



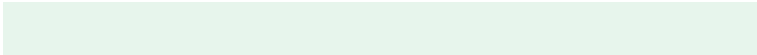
87.2850, 88.3499, 100.3583



87.2128, 88.3499, 91.7348

Sweetspot

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



80.7502, 88.3537, 92.1562



92.6750, 98.8361, 106.0566



83.0487, 89.6214, 88.5239



19.8612, 21.1672, 22.7304



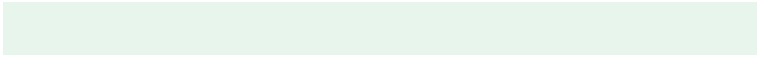
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

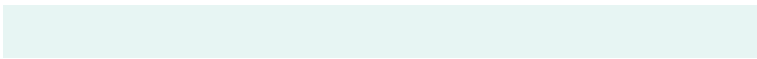
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7502, 88.3537, 92.1562



86.9920, 96.0531, 99.1643



81.7729, 88.7628, 97.5419



16.9269, 18.7657, 19.2848



18.5877, 35.5799, 11.1147



1.6809, 3.1460, 1.2253

Inverse Universe

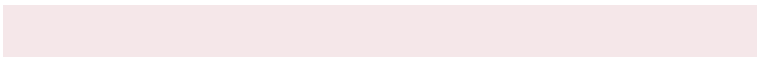
The Inverse Universe completely reimagines the original color for something new.



81.9635, 82.8577, 94.1154



88.6083, 88.7315, 101.7741



80.9571, 82.4552, 88.8158



17.2683, 17.2194, 19.8360



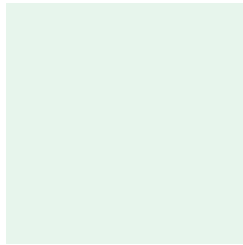
23.6571, 11.8063, 18.7006



2.1281, 1.0572, 1.9010

Previews

White Background



This preview shows how the XYZ color 80.7477, 88.3499, 92.1543 looks on a white background.

Color Contrast Check

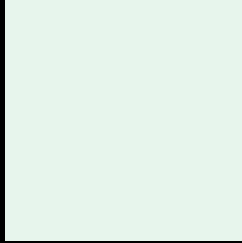
Large Text (above 18pt) WCAG AA × Fail

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 80.7477, 88.3499, 92.1543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

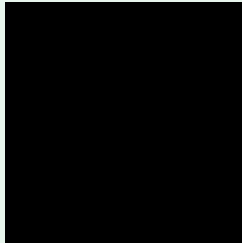
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

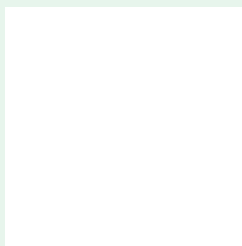
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.7477, 88.3499, 92.1543

Background



This preview shows how black text looks on a background with the XYZ color 80.7477, 88.3499, 92.1543.



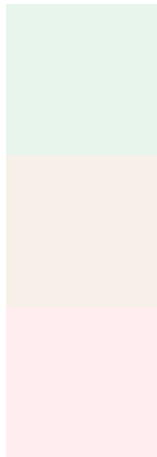
This preview shows how white text looks on a background with the XYZ color 80.7477, 88.3499,

92.1543.

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

80.7477, 88.3499, 92.1543

Protanopia

84.2258, 87.9775, 89.6330

Deuteranopia

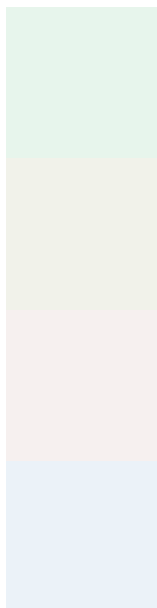
87.2524, 88.1196, 94.8482



Tritanopia

84.4303, 88.1351, 107.1696

Trichromacy



Original Color

80.7477, 88.3499, 92.1543

Protanomaly

82.8790, 88.1455, 90.4875

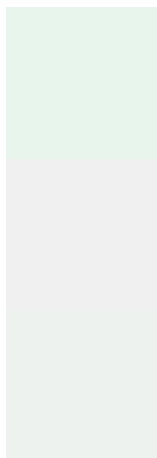
Deuteranomaly

84.7461, 88.1450, 94.2084

Tritanomaly

82.9564, 87.9437, 101.4095

Monochromacy



Original Color

80.7477, 88.3499, 92.1543

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.2572, 87.7408, 94.2616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7477, 88.3499, 92.1543 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(231, 245, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 245, 236) }
```

Border

The CSS property to change the border of an element to XYZ 80.7477, 88.3499, 92.1543 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, 236) }
```


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

```
.border{ border-color:rgb(231, 245, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 245, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 245, 236);  
box-shadow:4px 4px 4px 4px rgb(231, 245,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7477, 88.3499, 92.1543 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, 236) }
```

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

```
.background{ background-color: rgb(231,  
245, 236) }
```

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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