

Converting Colors

XYZ(84.5258, 88.6518, 86.0553)

Have a look what the booklet for
XYZ(84.5258, 88.6518, 86.0553)
contains.

XYZ(84.5258, 88.6518, 86.0553)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.5258, 88.6518,
86.0553)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F1E4
RGB	249, 241, 228
RGB Percent	98%, 95%, 89%
CMY	0.0235, 0.0549, 0.1059
CMYK	0.00, 0.03, 0.08, 0.02
HSL	37°, 64%, 94%
HSV	37°, 8%, 98%
XYZ	84.5258, 88.6518, 86.0553
YIQ	241.9100, 8.9410, -2.3470

Conversions

Conversions Part 2

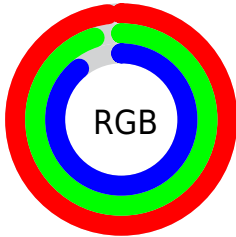
Format	Color
RYB	241, 249, 228
Decimal	16380388
CIELab	95.43, 0.50, 7.22
CIELCh	95, 7.233, 86.013
Yxy	88.6518, 0.3261, 0.3420
Android (android.graphics.Color)	4294570468 (0xFFFF9F1E4)
YUV	241.9100, -6.8576, 6.2179
Hunter-Lab	94.1551, -4.5267, 11.7190

Details

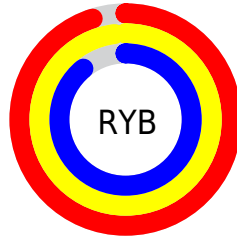
The XYZ color **84.5258, 88.6518, 86.0553** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.0890, 83.3229, 101.5379**, and the grayscale version is **84.3766, 88.7708, 96.6714**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8841, 49.0525, 46.5322** is the 20% darker color. If you saturate the color by 10%, you get **78.5823, 81.9033, 68.2306**, and if you desaturate by 10%, it is **91.1182, 95.8993, 106.5545**.

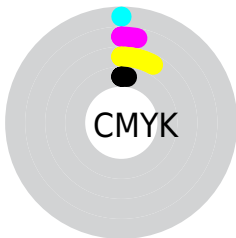
Distribution



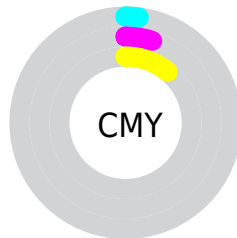
- Red (98%)
- Green (95%)
- Blue (89%)



- Red (95%)
- Yellow (98%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.5258, 88.6518, 86.0553 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 84.5258, 88.6518, 86.0553 by changing the saturation by 10% instead.


 84.5258, 88.6518,
86.0553

 84.5258, 88.6518,
86.0553


498.5650,
523.6354, 535.3489

 63.7708, 66.8630,
64.1585


138.6279,
145.4643, 143.7339

 46.7261, 48.9733,
46.3321


172.7057,
181.2567, 180.3528

 33.0262, 34.5983,
32.1574


211.9552,
222.4858, 222.7162

 22.3058, 23.3536,
21.2159

256.7417,
269.5360, 271.2425

 14.1997, 14.8548,
13.0892

307.4306,
322.7917, 326.3505

 8.3423, 8.7176,
7.3585

364.3872,

 4.3684, 4.5574,

382.6372, 388.4585

3.6055

427.9769,
449.4570, 457.9851

■ 1.9126, 1.9900,
1.4115

■ 0.5841, 0.6017,
0.1507

■ 84.5258, 88.6518,
86.0553

■ 84.5258, 88.6518,
86.0553

■ 78.5823, 81.9033,
68.2306

■ 91.1182, 95.8993,
106.5545

■ 73.2569, 75.6293,
52.9625

■ 92.8773, 98.8799,
108.7983

■ 68.5272, 69.8202,
40.1326

■ 64.3662, 64.4614,
29.6107

■ 60.7448, 59.5375,
21.2546

■ 57.6307, 55.0318,
14.9060

■ 54.9872, 50.9256,
10.3848

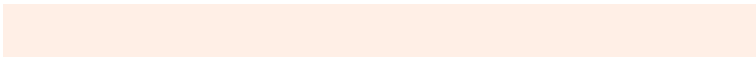
■ 52.7716, 47.1976,
7.4782

■ 50.9244, 43.8199,
5.8861

Harmonies

Analogous

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



86.4066, 88.6518, 87.7671



84.5258, 88.6518, 86.0553



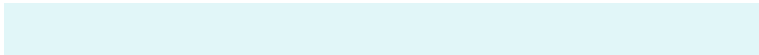
82.6025, 88.6518, 87.0577

Triad

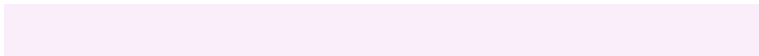
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5258, 88.6518, 86.0553



80.8862, 88.6518, 101.3871



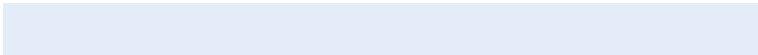
87.4565, 88.6518, 102.7496

Complementary

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



84.5258, 88.6518, 86.0553



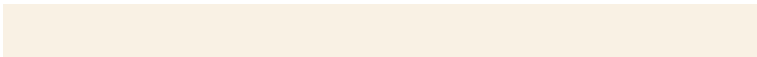
79.0890, 83.3229, 101.5379

Split Complementary

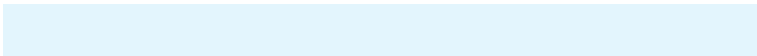
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9413, 88.6518, 106.6586



84.5258, 88.6518, 86.0553



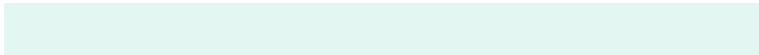
82.1510, 88.6518, 105.8506

Square

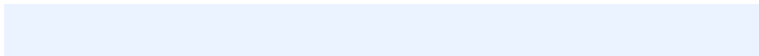
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5258, 88.6518, 86.0553



80.5205, 88.6518, 95.7708



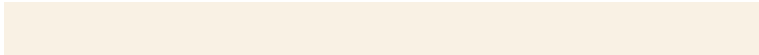
83.9965, 88.6518, 107.8149



88.1153, 88.6518, 97.2867

Rectangle

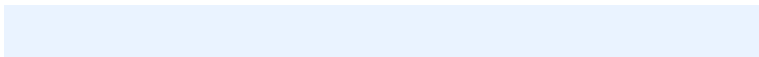
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.5258, 88.6518, 86.0553



81.5518, 88.6518, 89.1522



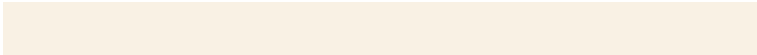
83.9965, 88.6518, 107.8149



87.0293, 88.6518, 104.2971

Sweetspot

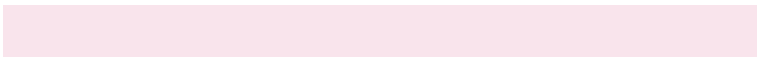
The Sweet Spot groups the original color and five complimentary colors.



84.5282, 88.6557, 86.0572



92.9205, 97.6728, 102.2344



81.9590, 81.6868, 90.8435



19.7692, 20.7746, 21.5105



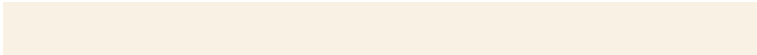
0.0000, 0.0000, 0.0000



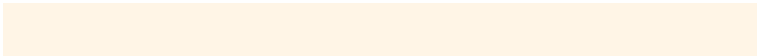
20.3446, 21.4041, 23.3091

Same Dimension

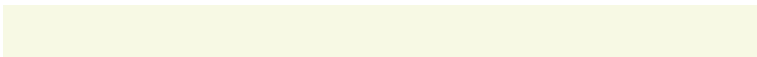
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5282, 88.6557, 86.0572



88.1935, 92.4265, 87.6871



86.0795, 93.0462, 86.8229



18.1399, 19.0156, 18.1767



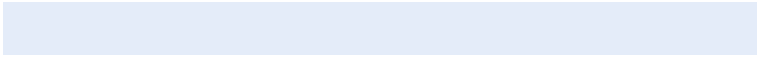
27.2566, 23.4698, 3.0935



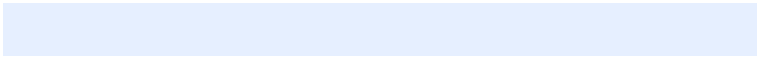
2.6267, 2.3783, 0.3206

Inverse Universe

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



79.0890, 83.3229, 101.5379



81.4505, 85.8155, 106.8789



77.6212, 79.2252, 100.8243



16.8247, 17.7261, 21.9200



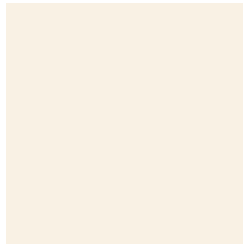
11.4600, 8.2755, 48.9669



1.1601, 0.9639, 4.5681

Previews

White Background



This preview shows how the XYZ color 84.5258, 88.6518, 86.0553 looks on a white background.

Color Contrast Check

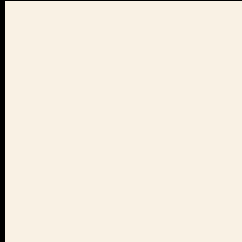
Large Text (above 18pt) WCAG AA × Fail

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 84.5258, 88.6518, 86.0553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

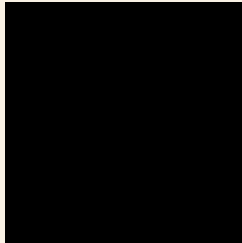
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.5258, 88.6518, 86.0553

Background



This preview shows how black text looks on a background with the XYZ color 84.5258, 88.6518, 86.0553.



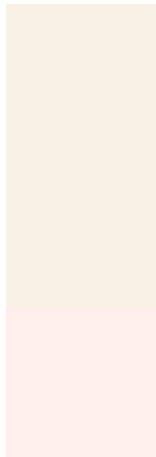
This preview shows how white text looks on a background with the XYZ color 84.5258, 88.6518,

86.0553.

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

84.5258, 88.6518, 86.0553

Protanopia

84.5258, 88.6518, 86.0553

Deuteranopia

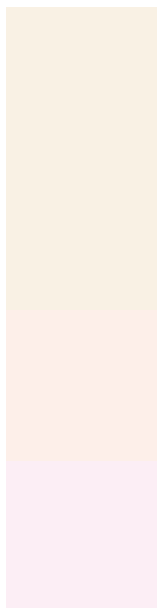
86.9549, 88.4652, 91.8494



Tritanopia

88.8422, 88.6710, 107.0405

Trichromacy



Original Color

84.5258, 88.6518, 86.0553

Protanomaly

84.5258, 88.6518, 86.0553

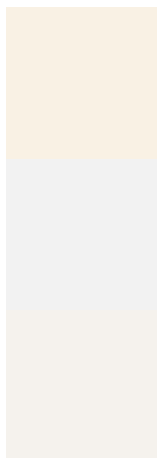
Deuteranomaly

86.0825, 88.4988, 89.6357

Tritanomaly

87.2009, 88.4371, 98.8603

Monochromacy



Original Color

84.5258, 88.6518, 86.0553

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.6944, 89.0312, 92.8416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5258, 88.6518, 86.0553 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(249, 241, 228) looks like.

```
.text, #text, p{  
    color:rgb(249, 241, 228)  
}
```

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(249, 241, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 241, 228) }
```

Border

The CSS property to change the border of an element to XYZ 84.5258, 88.6518, 86.0553 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(249, 241, 228) }
```


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

```
.border{ border-color:rgb(249, 241, 228) }
```

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

Here you see how a box with a 4 pixel rgb(249, 241, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 241, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 241, 228);  
box-shadow:4px 4px 4px 4px rgb(249, 241,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5258, 88.6518, 86.0553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 241, 228) }
```

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

```
.background{ background-color: rgb(249,  
241, 228) }
```

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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