

Converting Colors

XYZ(105.4963, 100.0000,
65.4682)

Have a look what the booklet for
XYZ(105.4963, 100.0000, 65.4682)
contains.

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Color

**XYZ(82.5456, 88.1107,
64.2862)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1C3
RGB	255, 241, 195
RGB Percent	100%, 95%, 76%
CMY	0.0000, 0.0549, 0.2353
CMYK	0.00, 0.05, 0.24, 0.00
HSL	46°, 100%, 88%
HSV	46°, 24%, 100%
XYZ	82.5456, 88.1107, 64.2862
YIQ	239.9420, 23.1100, -11.3380

Conversions

Conversions Part 2

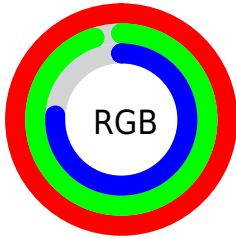
Format	Color
R_{YB}	213, 255, 195
Decimal	16773571
CIE _{Lab}	95.21, -2.30, 23.95
CIE _{LCh}	95, 24.064, 95.490
Yxy	88.1107, 0.3513, 0.3750
Android (android.graphics.Color)	4294963651 (0xFFFFF1C3)
YUV	239.9420, -22.1564, 13.2059
Hunter-Lab	93.8673, -7.2974, 25.1016

Details

The XYZ color **82.5456, 88.1107, 64.2862** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.3556, 64.4212, 103.7031**, and the grayscale version is **82.9361, 87.2553, 95.0210**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **45.4454, 48.6268, 32.1900** is the 20% darker color. If you saturate the color by 10%, you get **78.1738, 83.5938, 49.7987**, and if you desaturate by 10%, it is **87.4715, 92.9473, 81.3896**.

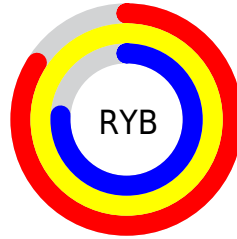
Distribution



Red (100%)

Green (95%)

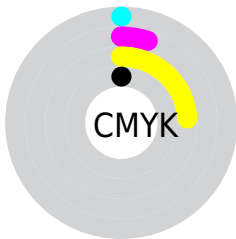
Blue (76%)



Red (84%)

Yellow (100%)

Blue (76%)

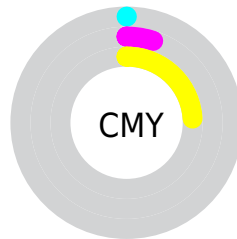


Cyan (0%)

Magenta (5%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5456, 88.1107, 64.2862 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 82.5456, 88.1107, 64.2862 by changing the saturation by 10% instead.


 82.5456, 88.1107,
64.2862

 82.5456, 88.1107,
64.2862


492.0777,
521.8657, 458.4582

 62.1310, 66.4148,
46.4349

135.8707,
144.7113, 112.6264

 45.3946, 48.6092,
32.2380


169.5119,
180.3847, 143.9524

 31.9709, 34.3095,
21.2770


208.2927,
221.4860, 180.6070

 21.4947, 23.1315,
13.1334

252.5784,
268.3997, 223.0088

 13.6006, 14.6906,
7.3887

302.7344,
321.5101, 271.5762

 7.9233, 8.6026,
3.6242

359.1261,

 4.0973, 4.4829,

381.2017, 326.7279

1.4216

422.1187,
447.8587, 388.8824

■ 1.7573, 1.9472,
0.1584

■ 0.4917, 0.5765,
0.0000

■ 82.5456, 88.1107,
64.2862

■ 82.5456, 88.1107,
64.2862

■ 78.1738, 83.5938,
49.7987

■ 87.4715, 92.9473,
81.3896

■ 74.3243, 79.3739,
37.7898

■ 92.9690, 98.1022,
101.2260

■ 70.9714, 75.4429,
28.1177

95.0500, 100.0000,
108.9000

■ 68.0845, 71.7877,
20.6244

■ 65.6294, 68.3935,
15.1317

■ 63.5662, 65.2437,
11.4337

■ 61.8469, 62.3180,
9.2790

■ 60.8729, 60.5259,
8.4743

Harmonies

Analogous

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



89.0887, 88.1107, 66.6809



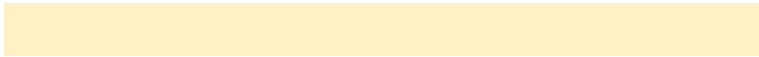
82.5456, 88.1107, 64.2862



76.6354, 88.1107, 69.4296

Triad

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



82.5456, 88.1107, 64.2862



73.8911, 88.1107, 118.4740



95.7550, 88.1107, 111.7164

Complementary

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



82.5456, 88.1107, 64.2862



63.3556, 64.4212, 103.7031

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.



91.2846, 88.1107, 128.4565



82.5456, 88.1107, 64.2862



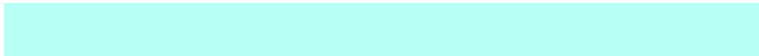
78.6224, 88.1107, 132.7009

Square

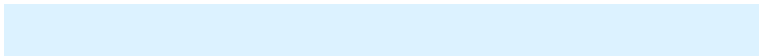
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5456, 88.1107, 64.2862



71.8086, 88.1107, 99.4353



84.9591, 88.1107, 136.5730



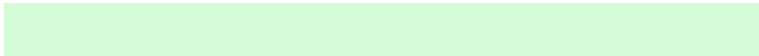
96.9393, 88.1107, 92.5228

Rectangle

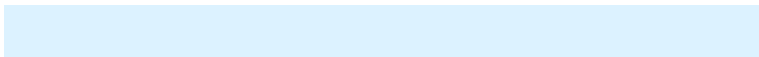
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5456, 88.1107, 64.2862



73.7773, 88.1107, 76.8935



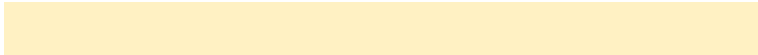
84.9591, 88.1107, 136.5730



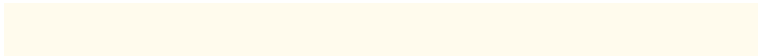
94.5758, 88.1107, 117.8920

Sweetspot

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



82.5477, 88.1146, 64.2880



90.9942, 96.2756, 94.0229



72.2644, 64.8947, 69.0398



19.4046, 20.5398, 19.8641



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

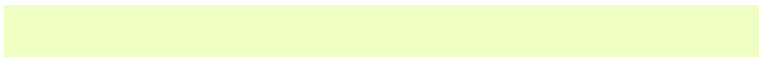
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5477, 88.1146, 64.2880



80.5255, 86.0553, 57.4941



81.2073, 93.8110, 65.4582



19.1810, 20.3301, 19.0575



31.9272, 31.8656, 4.4679



3.1915, 3.2683, 0.4626

Inverse Universe

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



63.3556, 64.4212, 103.7031



58.4344, 58.7869, 102.8749



64.4300, 60.1002, 102.8124



17.3468, 18.0652, 22.8226



10.3549, 5.6195, 49.9735



1.0873, 0.7053, 4.8921

Previews

White Background



This preview shows how the XYZ color 82.5456, 88.1107, 64.2862 looks on a white background.

Color Contrast Check

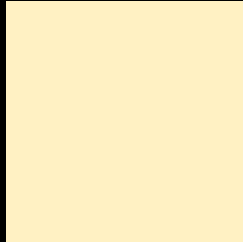
Large Text (above 18pt) WCAG AA × Fail

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 82.5456, 88.1107, 64.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

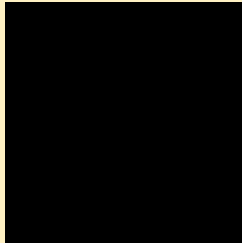
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5456, 88.1107, 64.2862

Background



This preview shows how black text looks on a background with the XYZ color 82.5456, 88.1107, 64.2862.



This preview shows how white text looks on a background with the XYZ color 82.5456, 88.1107,

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

82.5456, 88.1107, 64.2862

Protanopia

82.8883, 88.2478, 66.0909

Deuteranopia

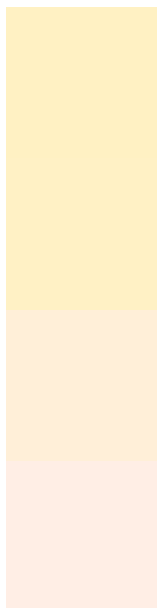
85.8181, 88.0105, 85.8634



Tritanopia

88.1787, 88.0282, 101.1506

Trichromacy



Original Color

82.5456, 88.1107, 64.2862

Protanomaly

82.7733, 88.2018, 65.4854

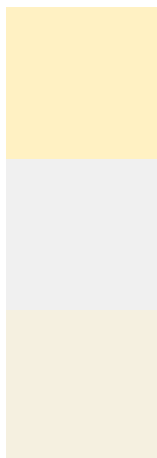
Deuteranomaly

84.5012, 87.9509, 77.4883

Tritanomaly

85.9574, 88.0662, 86.5968

Monochromacy



Original Color

82.5456, 88.1107, 64.2862

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.2708, 87.1145, 82.9996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5456, 88.1107, 64.2862 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(255, 241, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 195)  
}
```

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(255, 241, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 195) }
```

Border

The CSS property to change the border of an element to XYZ 82.5456, 88.1107, 64.2862 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(255, 241, 195) }
```


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

```
.border{ border-color:rgb(255, 241, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5456, 88.1107, 64.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 195) }
```

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

```
.background{ background-color: rgb(255,  
241, 195) }
```

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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