

Converting Colors

XYZ(82.8343, 88.1203, 66.1328)

Have a look what the booklet for
XYZ(82.8343, 88.1203, 66.1328)
contains.

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Color

**XYZ(82.8883, 88.2478,
66.0909)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1C6
RGB	255, 241, 198
RGB Percent	100%, 95%, 78%
CMY	0.0000, 0.0549, 0.2235
CMYK	0.00, 0.05, 0.22, 0.00
HSL	45°, 100%, 89%
HSV	45°, 22%, 100%
XYZ	82.8883, 88.2478, 66.0909
YIQ	240.2840, 22.1470, -10.4050

Conversions

Conversions Part 2

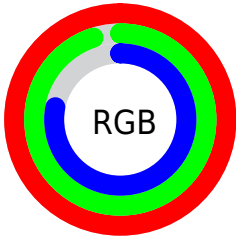
Format	Color
R_{YB}	217, 255, 198
Decimal	16773574
CIE Lab	95.27, -1.89, 22.50
CIE LCh	95, 22.577, 94.806
Yxy	88.2478, 0.3494, 0.3720
Android (android.graphics.Color)	4294963654 (0xFFFFF1C6)
YUV	240.2840, -20.8460, 12.9059
Hunter-Lab	93.9403, -6.8959, 24.0452

Details

The XYZ color **82.8883, 88.2478, 66.0909** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.8816, 66.3108, 103.9874**, and the grayscale version is **83.1948, 87.5274, 95.3174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6717, 48.7173, 33.3818** is the 20% darker color. If you saturate the color by 10%, you get **78.3703, 83.5291, 51.2751**, and if you desaturate by 10%, it is **87.9695, 93.2997, 83.5396**.

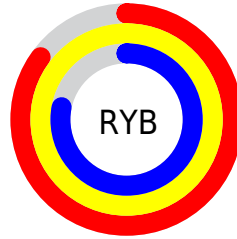
Distribution



Red (100%)

Green (95%)

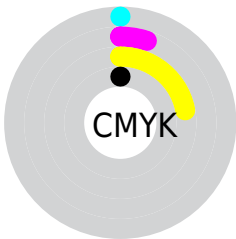
Blue (78%)



Red (85%)

Yellow (100%)

Blue (78%)

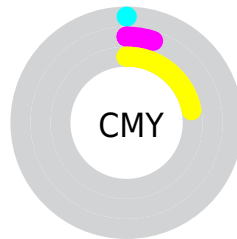


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.8883, 88.2478, 66.0909 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 82.8883, 88.2478, 66.0909 by changing the saturation by 10% instead.


 82.8883, 88.2478,
66.0909

 82.8883, 88.2478,
66.0909


493.2037,
522.3144, 465.1150

 62.4146, 66.5283,
47.8892


136.3483,
144.9021, 115.2450

 45.6247, 48.7014,
33.3798


170.0654,
180.6057, 147.0346

 32.1531, 34.3827,
22.1441


208.9276,
221.7394, 184.1905

 21.6346, 23.1877,
13.7635

253.3004,
268.6878, 227.1314

 13.7037, 14.7322,
7.8195

303.5490,
321.8350, 276.2758

 7.9952, 8.6316,
3.8935

360.0389,

 4.1437, 4.5017,

381.5656, 332.0421

1.5671

423.1353,
448.2639, 394.8490

■ 1.7837, 1.9580,
0.2672

■ 0.5078, 0.5829,
0.0000

■ 82.8883, 88.2478,
66.0909

■ 82.8883, 88.2478,
66.0909

■ 78.3703, 83.5291,
51.2751

■ 87.9695, 93.2997,
83.5396

■ 74.3837, 79.1209,
38.9560

■ 93.6312, 98.6837,
103.7371

■ 70.9031, 75.0149,
28.9933

95.0500, 100.0000,
108.9000

■ 67.8981, 71.1980,
21.2308

■ 65.3349, 67.6556,
15.4931

■ 63.1745, 64.3710,
11.5780

■ 61.3697, 61.3243,
9.2411

■ 60.1764, 59.1329,
8.2421

Harmonies

Analogous

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



89.0210, 88.2478, 68.5423



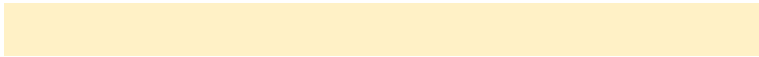
82.8883, 88.2478, 66.0909



77.2955, 88.2478, 70.8367

Triad

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



82.8883, 88.2478, 66.0909



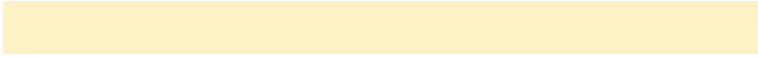
74.5218, 88.2478, 116.7812



95.0587, 88.2478, 111.2635

Complementary

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



82.8883, 88.2478, 66.0909



64.8816, 66.3108, 103.9874

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.



90.8217, 88.2478, 126.7204



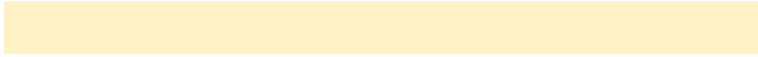
82.8883, 88.2478, 66.0909



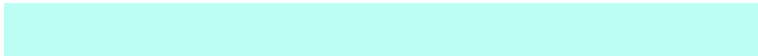
78.9348, 88.2478, 130.1696

Square

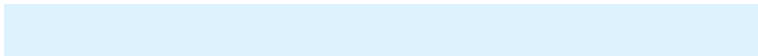
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8883, 88.2478, 66.0909



72.6180, 88.2478, 98.9574



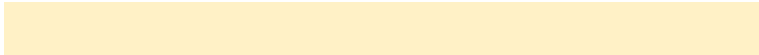
84.8733, 88.2478, 134.0118



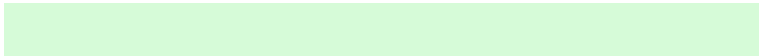
96.2432, 88.2478, 93.2724

Rectangle

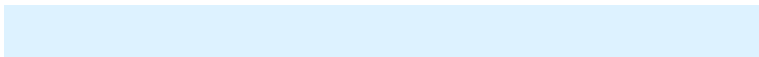
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8883, 88.2478, 66.0909



74.5642, 88.2478, 77.8308



84.8733, 88.2478, 134.0118



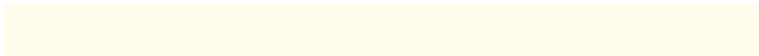
93.9343, 88.2478, 116.9954

Sweetspot

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



82.8905, 88.2517, 66.0928



90.9258, 96.1389, 94.0001



73.3500, 66.4152, 71.4073



19.3887, 20.5081, 19.8588



0.0000, 0.0000, 0.0000



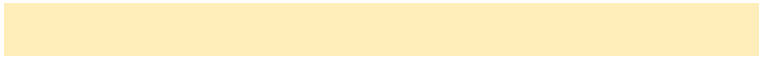
20.3446, 21.4041, 23.3091

Same Dimension

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



82.8905, 88.2517, 66.0928



80.7216, 86.0169, 58.8865



82.1438, 94.2542, 67.2907



19.1613, 20.2907, 19.0509



31.5670, 31.1451, 4.3479



3.1591, 3.2036, 0.4519

Inverse Universe

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



64.8816, 66.3108, 103.9874



59.7047, 60.4150, 103.1222



65.4685, 61.6435, 103.0556



17.3652, 18.1020, 22.8287



10.4462, 5.8020, 50.0039



1.0985, 0.7277, 4.8958

Previews

White Background



This preview shows how the XYZ color 82.8883, 88.2478, 66.0909 looks on a white background.

Color Contrast Check

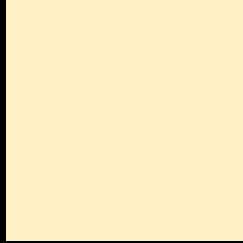
Large Text (above 18pt) WCAG AA × Fail

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 82.8883, 88.2478, 66.0909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

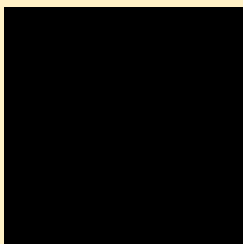
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.8883, 88.2478, 66.0909

Background



This preview shows how black text looks on a background with the XYZ color 82.8883, 88.2478, 66.0909.



This preview shows how white text looks on a background with the XYZ color 82.8883, 88.2478,

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

82.8883, 88.2478, 66.0909

Protanopia

83.0041, 88.2941, 66.7005

Deuteranopia

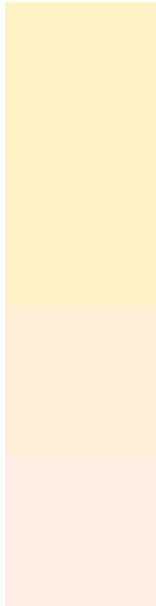
85.8181, 88.0105, 85.8634



Tritanopia

88.1787, 88.0282, 101.1506

Trichromacy



Original Color

82.8883, 88.2478, 66.0909

Protanomaly

83.0041, 88.2941, 66.7005

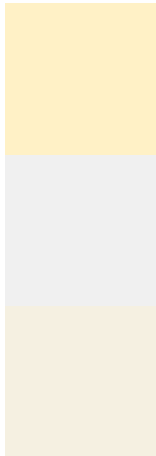
Deuteranomaly

84.6309, 88.0028, 78.1713

Tritanomaly

86.0975, 88.1222, 87.3344

Monochromacy



Original Color

82.8883, 88.2478, 66.0909

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.4069, 87.1689, 83.7161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8883, 88.2478, 66.0909 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 198) }
```

Border

The CSS property to change the border of an element to XYZ 82.8883, 88.2478, 66.0909 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, 198) }
```


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

```
.border{ border-color:rgb(255, 241, 198) }
```

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, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8883, 88.2478, 66.0909 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
241, 198) }
```

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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