

Converting Colors

XYZ(81.7288, 88.0907, 66.1217)

Have a look what the booklet for
XYZ(81.7288, 88.0907, 66.1217)
contains.

XYZ(81.7288, 88.0907, 66.1217)	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(81.7288, 88.0907,
66.1217)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF2C6
RGB	251, 242, 198
RGB Percent	98%, 95%, 78%
CMY	0.0157, 0.0510, 0.2235
CMYK	0.00, 0.04, 0.21, 0.02
HSL	50°, 87%, 88%
HSV	50°, 21%, 98%
XYZ	81.7288, 88.0907, 66.1217
YIQ	239.6750, 19.4880, -11.7760

Conversions

Conversions Part 2

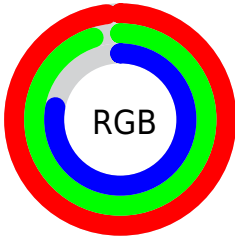
Format	Color
R_{YB}	209, 251, 198
Decimal	16511686
CIE _{Lab}	95.20, -3.84, 22.36
CIE _{LCh}	95, 22.685, 99.758
Yxy	88.0907, 0.3464, 0.3734
Android (android.graphics.Color)	4294701766 (0xFFFFBF2C6)
YUV	239.6750, -20.5458, 9.9320
Hunter-Lab	93.8566, -8.8143, 23.9300

Details

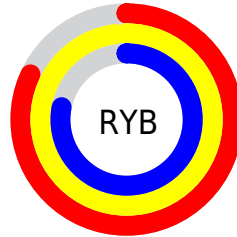
The XYZ color **81.7288, 88.0907, 66.1217** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.0138, 63.5949, 100.2210**, and the grayscale version is **82.7171, 87.0249, 94.7701**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8411, 48.6008, 33.4031** is the 20% darker color. If you saturate the color by 10%, you get **77.8180, 84.5243, 51.6988**, and if you desaturate by 10%, it is **86.1536, 91.9160, 83.0850**.

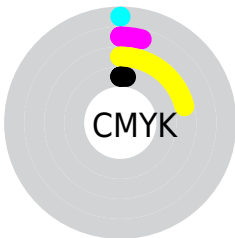
Distribution



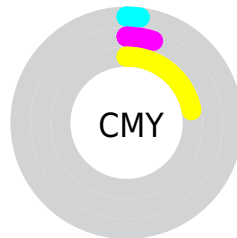
- Red (98%)
- Green (95%)
- Blue (78%)



- Red (82%)
- Yellow (98%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7288, 88.0907, 66.1217 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 81.7288, 88.0907, 66.1217 by changing the saturation by 10% instead.


 81.7288, 88.0907,
66.1217

 81.7288, 88.0907,
66.1217


489.3884,
521.8002, 465.2281

 61.4554, 66.3982,
47.9141


134.7314,
144.6834, 115.2897

 44.8467, 48.5957,
33.3994


168.1913,
180.3524, 147.0871

 31.5375, 34.2989,
22.1589


206.7774,
221.4490, 184.2515

 21.1623, 23.1233,
13.7743

250.8551,
268.3577, 227.2016

 13.3558, 14.6846,
7.8269

300.7896,
321.4627, 276.3557

 7.7527, 8.5983,
3.8982

356.9465,

 3.9876, 4.4801,

381.1485, 332.1325

1.5697

419.6909,
447.7996, 394.9504

■ 1.6951, 1.9456,
0.2690

■ 0.4532, 0.5756,
0.0000

■ 81.7288, 88.0907,
66.1217

■ 81.7288, 88.0907,
66.1217

■ 77.8180, 84.5243,
51.6988

■ 86.1536, 91.9160,
83.0850

■ 74.3904, 81.1951,
39.6863

■ 91.1076, 95.9975,
102.6989

■ 71.4226, 78.0965,
29.9509

■ 93.5254, 99.1124,
108.8090

■ 68.8862, 75.2166,
22.3445

■ 93.5938, 99.2493,
108.8319

■ 66.7494, 72.5427,
16.7011

■ 64.9760, 70.0597,
12.8303

■ 63.5223, 67.7498,
10.5034

■ 62.4384, 65.8184,
9.4134

Harmonies

Analogous

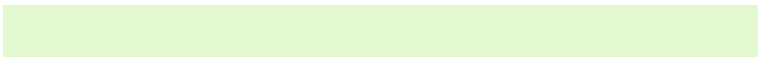
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9086, 88.0907, 67.3863



81.7288, 88.0907, 66.1217



76.3522, 88.0907, 72.0503

Triad

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



81.7288, 88.0907, 66.1217



74.9168, 88.0907, 119.3800



95.3844, 88.0907, 108.1847

Complementary

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



81.7288, 88.0907, 66.1217



63.0138, 63.5949, 100.2210

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.



91.5632, 88.0907, 124.5430



81.7288, 88.0907, 66.1217



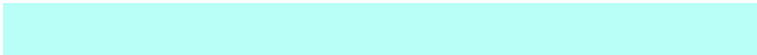
79.6813, 88.0907, 131.5381

Square

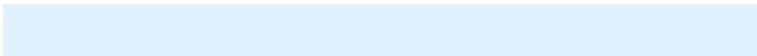
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7288, 88.0907, 66.1217



72.5492, 88.0907, 101.8028



85.7587, 88.0907, 133.5357



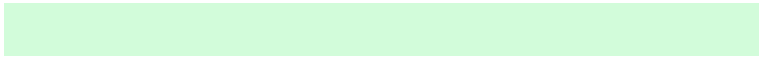
95.9990, 88.0907, 90.2603

Rectangle

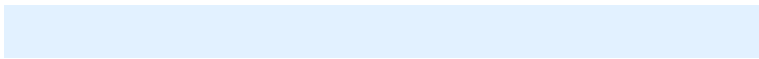
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7288, 88.0907, 66.1217



73.8714, 88.0907, 79.7692



85.7587, 88.0907, 133.5357



94.4237, 88.0907, 114.1063

Sweetspot

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



81.7311, 88.0946, 66.1236



91.8609, 97.4080, 96.1646



71.3289, 65.4386, 68.3645



19.5903, 20.7902, 20.2996



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

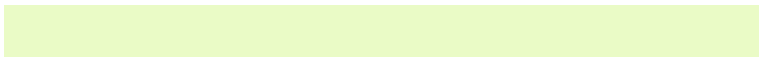
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7311, 88.0946, 66.1236



83.0768, 89.8431, 62.3974



78.6938, 90.6013, 66.7675



18.4620, 19.6599, 18.2841



32.9142, 34.7851, 4.9794



3.1125, 3.3499, 0.4825

Inverse Universe

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



63.0138, 63.5949, 100.2210



60.7355, 60.6022, 103.1040



65.5684, 61.7687, 99.7339



16.5210, 17.1189, 21.8188



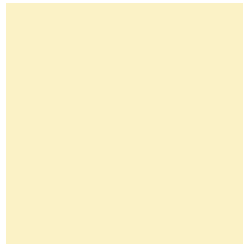
9.6699, 4.6954, 48.3702



0.9605, 0.5646, 4.5015

Previews

White Background



This preview shows how the XYZ color 81.7288, 88.0907, 66.1217 looks on a white background.

Color Contrast Check

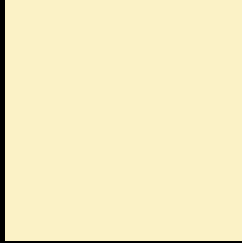
Large Text (above 18pt) WCAG AA × Fail

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 81.7288, 88.0907, 66.1217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

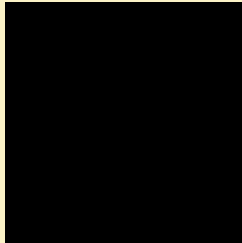
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7288, 88.0907, 66.1217

Background



This preview shows how black text looks on a background with the XYZ color 81.7288, 88.0907, 66.1217.



This preview shows how white text looks on a background with the XYZ color 81.7288, 88.0907,

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

81.7288, 88.0907, 66.1217

Protanopia

82.8883, 88.2478, 66.0909

Deuteranopia

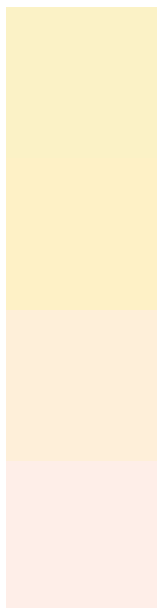
85.8181, 88.0105, 85.8634



Tritanopia

88.6480, 88.2159, 103.6219

Trichromacy



Original Color

81.7288, 88.0907, 66.1217

Protanomaly

82.5214, 88.0586, 66.0738

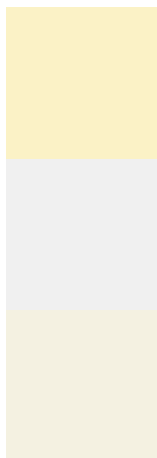
Deuteranomaly

84.2639, 87.8136, 78.1542

Tritanomaly

86.0131, 88.0461, 88.8052

Monochromacy



Original Color

81.7288, 88.0907, 66.1217

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.3541, 87.5799, 83.7983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7288, 88.0907, 66.1217 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(251, 242, 198)` looks like.

```
.text, #text, p{  
    color:rgb(251, 242, 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(251, 242, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 242, 198) }
```

Border

The CSS property to change the border of an element to XYZ 81.7288, 88.0907, 66.1217 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(251, 242, 198) }
```


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

```
.border{ border-color:rgb(251, 242, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 242, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 242, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 242, 198);  
box-shadow:4px 4px 4px 4px rgb(251, 242,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7288, 88.0907, 66.1217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 242, 198) }
```

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

```
.background{ background-color: rgb(251,  
242, 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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