

Converting Colors

XYZ(82.9570, 90.8210, 63.2233)

Have a look what the booklet for
XYZ(82.9570, 90.8210, 63.2233)
contains.

XYZ(82.9201, 91.0227, 63.0680) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(82.9201, 91.0227,
63.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF7C0
RGB	252, 247, 192
RGB Percent	99%, 97%, 75%
CMY	0.0118, 0.0313, 0.2470
CMYK	0.00, 0.02, 0.24, 0.01
HSL	55°, 91%, 87%
HSV	55°, 24%, 99%
XYZ	82.9201, 91.0227, 63.0680
YIQ	242.2250, 20.6350, -16.0450

Conversions

Conversions Part 2

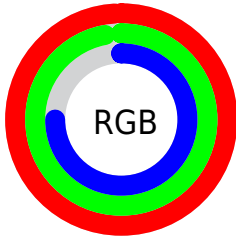
Format	Color
RYB	197, 252, 192
Decimal	16578496
CIELab	96.42, -6.81, 27.11
CIELCh	96, 27.951, 104.092
Yxy	91.0227, 0.3499, 0.3840
Android (android.graphics.Color)	4294768576 (0xFFFCF7C0)
YUV	242.2250, -24.7609, 8.5727
Hunter-Lab	95.4058, -11.8204, 27.5904

Details

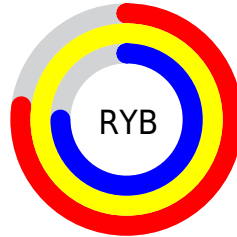
The XYZ color **82.9201, 91.0227, 63.0680** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.2751, 58.1661, 100.1990**, and the grayscale version is **84.7568, 89.1708, 97.1070**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **45.7239, 50.6987, 31.4207** is the 20% darker color. If you saturate the color by 10%, you get **79.7266, 88.7278, 49.3875**, and if you desaturate by 10%, it is **86.6037, 93.5315, 79.2726**.

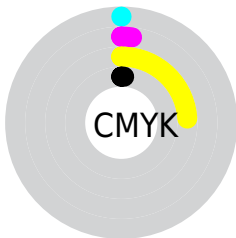
Distribution



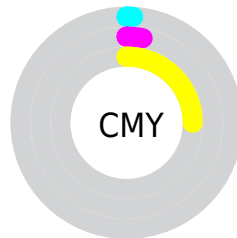
- Red (99%)
- Green (97%)
- Blue (75%)



- Red (77%)
- Yellow (99%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (24%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9201, 91.0227, 63.0680 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 82.9201, 91.0227, 63.0680 by changing the saturation by 10% instead.


 82.9201, 91.0227,
63.0680

 82.9201, 91.0227,
63.0680


493.3082,
531.3521, 453.9310

 62.4409, 68.8292,
45.4549


 136.3927,
148.7582, 110.8541

 45.6460, 50.5726,
31.4703


170.1167,
185.0689, 141.8642

 32.1700, 35.8686,
20.6958


208.9865,
226.8541, 178.1770

 21.6476, 24.3327,
12.7127

253.3674,
274.4983, 220.2111

 13.7133, 15.5806,
7.1026

303.6246,
328.3858, 268.3850

 8.0019, 9.2279,
3.4470

360.1235,

 4.1480, 4.8901,

388.9010, 323.1173

1.3271

423.2296,
456.4283, 384.8264

■ 1.7862, 2.1829,
0.0839

■ 0.5093, 0.7107,
0.0000

■ 82.9201, 91.0227,
63.0680

■ 82.9201, 91.0227,
63.0680

■ 79.7266, 88.7278,
49.3875

■ 86.6037, 93.5315,
79.2726

■ 76.9918, 86.6246,
38.0972

■ 90.7928, 96.2510,
98.1146

■ 74.6914, 84.7068,
29.0593

■ 93.4150, 98.3553,
108.6687

■ 72.7962, 82.9624,
22.1199

■ 93.9551, 99.4356,
108.8488

■ 71.2733, 81.3784,
17.1057

■ 70.0844, 79.9394,
13.8157

■ 69.1831, 78.6266,
12.0049

■ 68.7276, 77.8606,
11.4063

Harmonies

Analogous

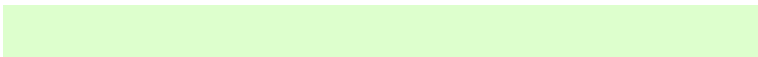
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.6829, 91.0227, 63.3285



82.9201, 91.0227, 63.0680



76.5098, 91.0227, 71.3933

Triad

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



82.9201, 91.0227, 63.0680



76.2012, 91.0227, 132.0356



101.7255, 91.0227, 111.3306

Complementary

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



82.9201, 91.0227, 63.0680



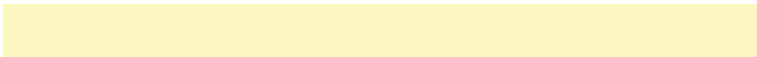
59.2751, 58.1661, 100.1990

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.



97.3551, 91.0227, 133.2020



82.9201, 91.0227, 63.0680



82.4755, 91.0227, 146.3249

Square

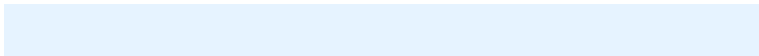
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9201, 91.0227, 63.0680



72.7911, 91.0227, 109.9187



90.2110, 91.0227, 146.7812



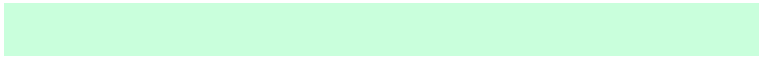
101.8623, 91.0227, 89.0309

Rectangle

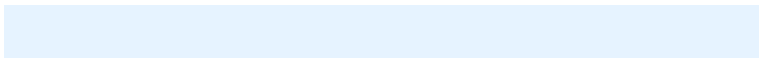
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9201, 91.0227, 63.0680



73.7346, 91.0227, 81.5304



90.2110, 91.0227, 146.7812



100.6915, 91.0227, 119.0468

Sweetspot

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



82.9225, 91.0268, 63.0699



91.8358, 97.9588, 94.3034



69.0735, 62.4271, 61.2337



19.6000, 20.9307, 19.9292



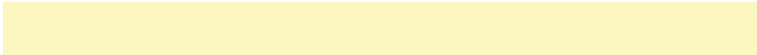
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.9225, 91.0268, 63.0699



83.4132, 92.2534, 57.1533



76.0042, 89.7582, 63.1897



18.5965, 19.9290, 18.3289



35.8540, 40.6646, 5.9594



3.3561, 3.8371, 0.5637

Inverse Universe

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



59.2751, 58.1661, 100.1990



54.9318, 52.6778, 101.8804



65.0367, 59.4805, 100.1491



16.3991, 16.8751, 21.7782



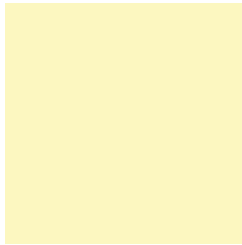
9.3338, 4.0231, 48.2581



0.9030, 0.4497, 4.4824

Previews

White Background



This preview shows how the XYZ color 82.9201, 91.0227, 63.0680 looks on a white background.

Color Contrast Check

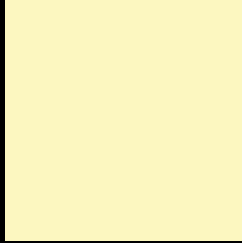
Large Text (above 18pt) WCAG AA × Fail

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 82.9201, 91.0227, 63.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

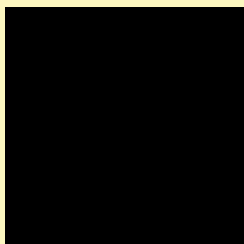
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9201, 91.0227, 63.0680

Background



This preview shows how black text looks on a background with the XYZ color 82.9201, 91.0227, 63.0680.

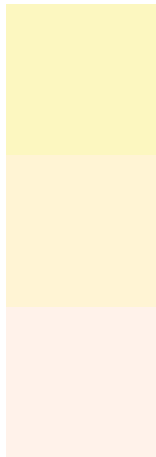


This preview shows how white text looks on a background with the XYZ color 82.9201, 91.0227,

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

82.9201, 91.0227, 63.0680

Protanopia

85.4743, 90.7148, 75.2921

Deuteranopia

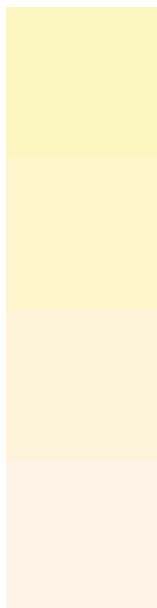
87.8434, 90.7048, 90.7198



Tritanopia

90.4249, 91.2624, 105.7780

Trichromacy



Original Color

82.9201, 91.0227, 63.0680

Protanomaly

84.5449, 90.7834, 70.8246

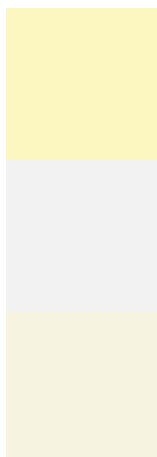
Deuteranomaly

86.0099, 90.8867, 80.0275

Tritanomaly

87.3474, 90.9415, 88.5511

Monochromacy



Original Color

82.9201, 91.0227, 63.0680

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.8113, 89.6760, 83.4129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9201, 91.0227, 63.0680 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(252, 247, 192)` looks like.

```
.text, #text, p{  
    color:rgb(252, 247, 192)  
}
```

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(252, 247, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 247, 192) }
```

Border

The CSS property to change the border of an element to XYZ 82.9201, 91.0227, 63.0680 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(252, 247, 192) }
```


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

```
.border{ border-color:rgb(252, 247, 192) }
```

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

Here you see how a box with a 4 pixel rgb(252, 247, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 247, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 247, 192);  
box-shadow:4px 4px 4px 4px rgb(252, 247,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9201, 91.0227, 63.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 247, 192) }
```

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

```
.background{ background-color: rgb(252,  
247, 192) }
```

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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