

Converting Colors

XYZ(79.1922, 87.7880, 60.9150)

Have a look what the booklet for
XYZ(79.1922, 87.7880, 60.9150)
contains.

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Color

**XYZ(79.1922, 87.7880,
60.9150)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F5F4BD |
| RGB | 245, 244, 189 |
| RGB Percent | 96%, 96%, 74% |
| CMY | 0.0392, 0.0431, 0.2588 |
| CMYK | 0.00, 0.00, 0.23, 0.04 |
| HSL | 59°, 74%, 85% |
| HSV | 59°, 23%, 96% |
| XYZ | 79.1922, 87.7880, 60.9150 |
| YIQ | 238.0290, 18.2510, -16.8930 |

Conversions

Conversions Part 2

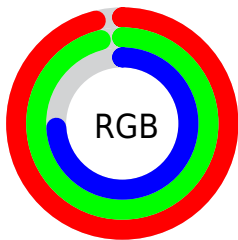
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 190, 245, 189 |
| Decimal | 16118973 |
| CIE Lab | 95.07, -8.27, 26.70 |
| CIE LCh | 95, 27.955, 107.199 |
| Yxy | 87.7880, 0.3475, 0.3852 |
| Android (android.graphics.Color) | 4294309053 (0xFFF5F4BD) |
| YUV | 238.0290, -24.1713, 6.1136 |
| Hunter-Lab | 93.6953, -13.0966, 27.0399 |

Details

The XYZ color **79.1922, 87.7880, 60.9150** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.8810, 54.2370, 93.9102**, and the grayscale version is **81.4638, 85.7063, 93.3341**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **43.0954, 48.4071, 29.9938** is the 20% darker color. If you saturate the color by 10%, you get **76.6245, 86.5547, 48.0283**, and if you desaturate by 10%, it is **82.2141, 89.2095, 76.1715**.

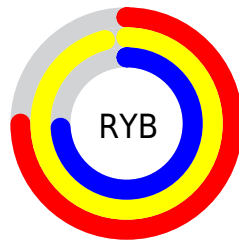
Distribution



Red (96%)

Green (96%)

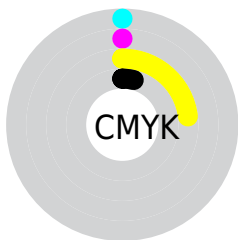
Blue (74%)



Red (75%)

Yellow (96%)

Blue (74%)

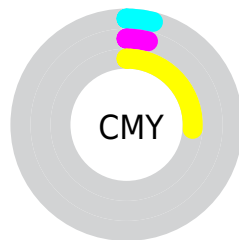


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1922, 87.7880, 60.9150 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 79.1922, 87.7880, 60.9150 by changing the saturation by 10% instead.

79.1922, 87.7880,
60.9150

79.1922, 87.7880,
60.9150

480.9844,
520.8087, 445.8602

59.3600, 66.1475,
43.7265

131.1859,
144.2620, 107.7122

43.1505, 48.3922,
30.1199

164.0781,
179.8642, 138.1579

30.1982, 34.1375,
19.6768

202.0545,
220.8892, 173.8598

20.1379, 22.9993,
11.9786

245.4802,
267.7213, 215.2363

12.6042, 14.5930,
6.6067

294.7207,
320.7449, 262.7061

7.2317, 8.5342,
3.1427

350.1413,

3.6550, 4.4387,

380.3444, 316.6877

1.1680

412.1074,
446.9042, 377.5995

■ 1.5089, 1.9218,
0.0000

■ 0.3319, 0.5615,
0.0000

■ 79.1922, 87.7880,
60.9150

■ 79.1922, 87.7880,
60.9150

■ 76.6245, 86.5547,
48.0283

■ 82.2141, 89.2095,
76.1715

■ 74.4815, 85.4888,
37.3871

■ 85.7043, 90.8157,
93.9027


■ 72.7411, 84.5845,
28.8641


■ 88.4530, 92.1259,
107.7278


■ 71.3762, 83.8308,
22.3170


■ 88.5850, 92.3899,
107.7718


 70.3565, 83.2157,
17.5862


 88.7173, 92.6545,
107.8159


 69.6470, 82.7252,
14.4874


 88.8499, 92.9197,
107.8601

 69.2053, 82.3423,
12.7973

 88.9828, 93.1855,
107.9044

 69.0083, 82.1164,
12.2129

 89.1161, 93.4519,
107.9488

 89.2496, 93.7190,
107.9934

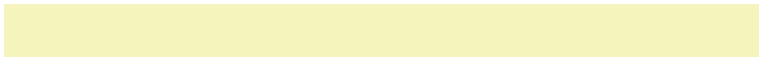
Harmonies

Analogous

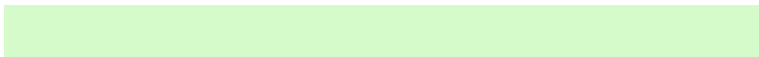
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7205, 87.7880, 60.3015



79.1922, 87.7880, 60.9150



73.1685, 87.7880, 69.8718

Triad

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



79.1922, 87.7880, 60.9150



73.8975, 87.7880, 129.7066



98.5199, 87.7880, 105.1644

Complementary

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



79.1922, 87.7880, 60.9150



55.8810, 54.2370, 93.9102

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.



94.6301, 87.7880, 126.9427



79.1922, 87.7880, 60.9150



80.2430, 87.7880, 142.4922

Square

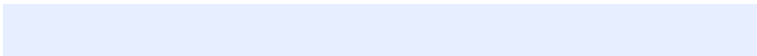
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1922, 87.7880, 60.9150



70.2414, 87.7880, 108.5056



87.8368, 87.7880, 141.4101



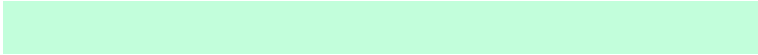
98.1960, 87.7880, 83.7353

Rectangle

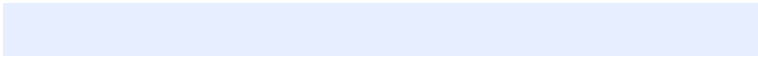
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1922, 87.7880, 60.9150



70.6780, 87.7880, 80.2643



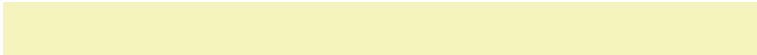
87.8368, 87.7880, 141.4101



97.6523, 87.7880, 112.7436

Sweetspot

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



79.1945, 87.7919, 60.9169



92.2070, 98.7011, 94.4271



65.2440, 59.5645, 57.2729



19.6862, 21.1032, 19.9580



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

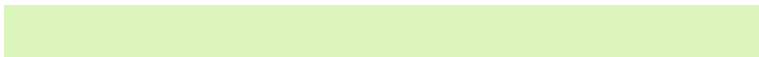
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1945, 87.7919, 60.9169



85.4901, 95.5541, 60.4760



71.0118, 84.0189, 60.6199



17.8880, 19.2601, 17.5723



37.1877, 44.2609, 6.5832



3.2764, 3.9059, 0.5812

Inverse Universe

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



55.8810, 54.2370, 93.9102



56.1856, 53.3768, 101.9492



62.7435, 57.4562, 94.1698



15.6048, 15.9738, 20.8034



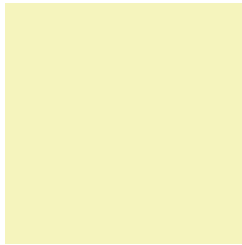
8.9148, 3.6233, 46.7675



0.7917, 0.3348, 4.1131

Previews

White Background



This preview shows how the XYZ color 79.1922, 87.7880, 60.9150 looks on a white background.

Color Contrast Check

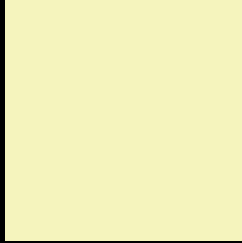
Large Text (above 18pt) WCAG AA × Fail

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 79.1922, 87.7880, 60.9150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

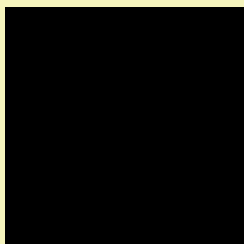
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

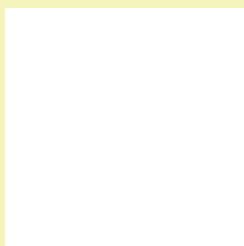
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1922, 87.7880, 60.9150

Background



This preview shows how black text looks on a background with the XYZ color 79.1922, 87.7880, 60.9150.



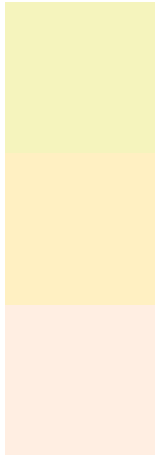
This preview shows how white text looks on a background with the XYZ color 79.1922, 87.7880,

60.9150.

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

79.1922, 87.7880, 60.9150

Protanopia

82.1377, 87.4752, 63.5942

Deuteranopia

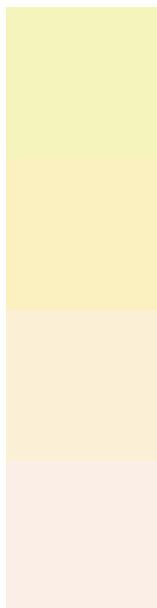
85.5420, 87.9001, 84.4094



Tritanopia

88.1057, 87.4551, 106.0028

Trichromacy



Original Color

79.1922, 87.7880, 60.9150

Protanomaly

80.7534, 87.2256, 62.4492

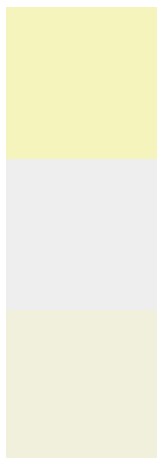
Deuteranomaly

82.9540, 87.6335, 75.4936

Tritanomaly

84.2818, 87.1862, 87.2494

Monochromacy



Original Color

79.1922, 87.7880, 60.9150

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.3540, 86.1883, 80.1110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1922, 87.7880, 60.9150 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(245, 244, 189)` looks like.

```
.text, #text, p{  
    color:rgb(245, 244, 189)  
}
```

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(245, 244, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 244, 189) }
```

Border

The CSS property to change the border of an element to XYZ 79.1922, 87.7880, 60.9150 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(245, 244, 189) }
```


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

```
.border{ border-color:rgb(245, 244, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 244, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 244, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 244, 189);  
box-shadow:4px 4px 4px 4px rgb(245, 244,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1922, 87.7880, 60.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 244, 189) }
```

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

```
.background{ background-color: rgb(245,  
244, 189) }
```

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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