

Converting Colors

XYZ(74.7272, 80.7432, 58.6618)

Have a look what the booklet for
XYZ(74.7272, 80.7432, 58.6618)
contains.

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Color

**XYZ(74.7265, 80.7429,
58.6601)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F2E9BB |
| RGB | 242, 233, 187 |
| RGB Percent | 95%, 91%, 73% |
| CMY | 0.0510, 0.0863, 0.2667 |
| CMYK | 0.00, 0.04, 0.23, 0.05 |
| HSL | 50°, 68%, 84% |
| HSV | 50°, 23%, 95% |
| XYZ | 74.7265, 80.7429, 58.6601 |
| YIQ | 230.4470, 20.1300, -12.3980 |

Conversions

Conversions Part 2

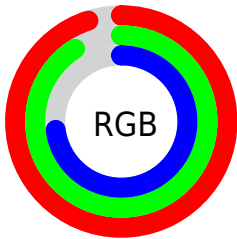
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 198, 242, 187 |
| Decimal | 15919547 |
| CIE Lab | 92.02, -4.12, 23.50 |
| CIE LCh | 92, 23.855, 99.935 |
| Yxy | 80.7429, 0.3490, 0.3771 |
| Android (android.graphics.Color) | 4294109627 (0xFFFF2E9BB) |
| YUV | 230.4470, -21.4194, 10.1320 |
| Hunter-Lab | 89.8571, -8.8065, 24.1945 |

Details

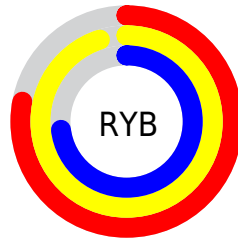
The XYZ color **74.7265, 80.7429, 58.6601** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.2602, 56.4541, 91.9364**, and the grayscale version is **75.6901, 79.6319, 86.7191**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **40.0328, 43.4798, 28.8367** is the 20% darker color. If you saturate the color by 10%, you get **71.2439, 77.5800, 45.7768**, and if you desaturate by 10%, it is **78.6750, 84.1380, 73.8545**.

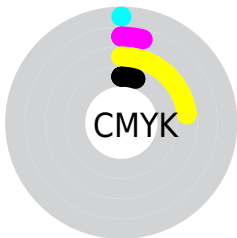
Distribution



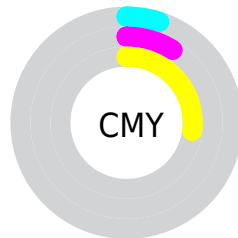
- Red (95%)
- Green (91%)
- Blue (73%)



- Red (78%)
- Yellow (95%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (23%)
- Black (5%)





- Cyan (5%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7265, 80.7429, 58.6601 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 74.7265, 80.7429, 58.6601 by changing the saturation by 10% instead.


 74.7265, 80.7429,
58.6601

 74.7265, 80.7429,
58.6601


465.9887,
497.4329, 437.3079

 55.6822, 60.3299,
41.9214

 124.9151,
134.4097, 104.4078

 40.1842, 43.6846,
28.7146


156.7902,
168.4323, 134.2537

 27.8671, 30.4226,
18.6213


193.6729,
207.7602, 169.3059

 18.3654, 20.1596,
11.2229

235.9286,
252.7777, 209.9827

 11.3139, 12.5111,
6.1009

283.9227,
303.8694, 256.7028

 6.3472, 7.0928,
2.8368

338.0205,

 3.1000, 3.5202,

361.4196, 309.8847

1.0119

398.5874,
425.8126, 369.9468

■ 1.2069, 1.4090,
0.0000

■ 0.1118, 0.2233,
0.0000

■ 74.7265, 80.7429,
58.6601

■ 74.7265, 80.7429,
58.6601

■ 71.2439, 77.5800,
45.7768

■ 78.6750, 84.1380,
73.8545

■ 68.1990, 74.6292,
35.0842

■ 83.1038, 87.7629,
91.4620

■ 65.5699, 71.8845,
26.4589

■ 87.2840, 91.3291,
107.6357

■ 63.3302, 69.3350,
19.7631

■ 88.4934, 93.7479,
108.0388

■ 61.4506, 66.9687,
14.8420

■ 89.7286, 96.2183,
108.4505

■ 59.8968, 64.7716,
11.5172

■ 90.4281, 97.6173,
108.6837

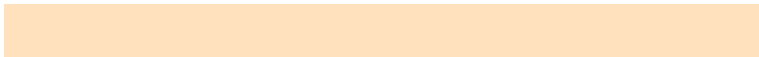
■ 58.6277, 62.7270,
9.5728

■ 57.8382, 61.3174,
8.7870

Harmonies

Analogous

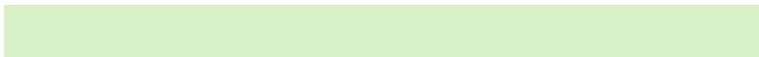
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8625, 80.7429, 59.8470



74.7265, 80.7429, 58.6601



69.4178, 80.7429, 64.4716

Triad

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



74.7265, 80.7429, 58.6601



68.0492, 80.7429, 111.4335



88.3658, 80.7429, 100.0232

Complementary

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



74.7265, 80.7429, 58.6601



56.2602, 56.4541, 91.9364

Split Complementary

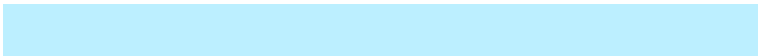
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5677, 80.7429, 116.4476



74.7265, 80.7429, 58.6601



72.7672, 80.7429, 123.6197

Square

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



74.7265, 80.7429, 58.6601



65.7008, 80.7429, 93.8735



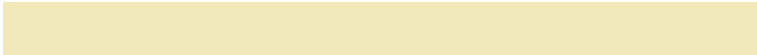
78.7969, 80.7429, 125.5678



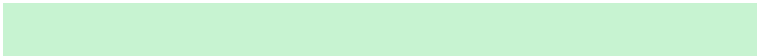
88.9594, 80.7429, 82.2147

Rectangle

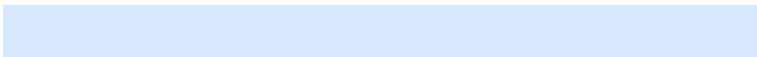
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7265, 80.7429, 58.6601



66.9805, 80.7429, 72.0529



78.7969, 80.7429, 125.5678



87.4123, 80.7429, 105.9500

Sweetspot

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



74.7286, 80.7465, 58.6618



91.3838, 97.0548, 94.1527



64.3719, 58.4120, 60.2070



19.4950, 20.7207, 19.8942



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.



74.7286, 80.7465, 58.6618



82.3914, 89.3567, 59.4431



71.3597, 82.8868, 59.2525



16.8900, 17.9932, 16.7325



31.1569, 33.1118, 4.7491



2.6500, 2.8707, 0.4144

Inverse Universe

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



56.2602, 56.4541, 91.9364



58.3956, 57.7968, 102.6859



59.0671, 54.9791, 91.5037



15.1061, 15.6463, 19.9455



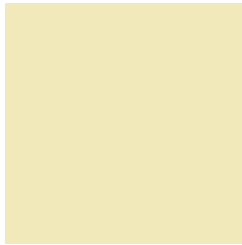
9.0748, 4.3738, 45.4938



0.8158, 0.4857, 3.8050

Previews

White Background



This preview shows how the XYZ color 74.7265, 80.7429, 58.6601 looks on a white background.

Color Contrast Check

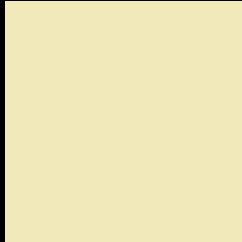
Large Text (above 18pt) WCAG AA × Fail

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 74.7265, 80.7429, 58.6601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

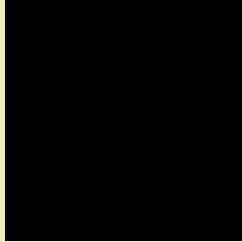
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7265, 80.7429, 58.6601

Background



This preview shows how black text looks on a background with the XYZ color 74.7265, 80.7429, 58.6601.



This preview shows how white text looks on a background with the XYZ color 74.7265, 80.7429,

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

74.7265, 80.7429, 58.6601

Protanopia

75.7256, 80.8512, 58.0691

Deuteranopia

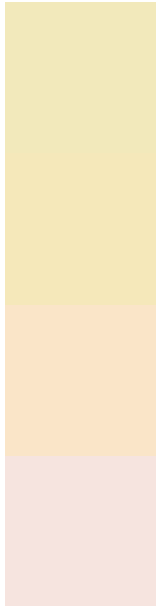
80.0943, 80.7522, 71.0398



Tritanopia

82.1698, 80.4612, 95.9938

Trichromacy



Original Color

74.7265, 80.7429, 58.6601

Protanomaly

75.3757, 80.6709, 58.0527

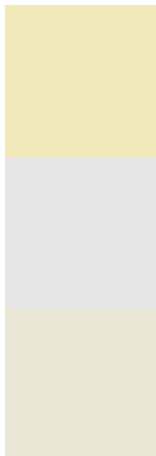
Deuteranomaly

77.8690, 80.5327, 66.0838

Tritanomaly

79.0687, 80.4073, 81.1648

Monochromacy



Original Color

74.7265, 80.7429, 58.6601

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6452, 79.4993, 75.0290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7265, 80.7429, 58.6601 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(242, 233, 187)` looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 187)  
}
```

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(242, 233, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 187) }
```

Border

The CSS property to change the border of an element to XYZ 74.7265, 80.7429, 58.6601 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(242, 233, 187) }
```


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

```
.border{ border-color:rgb(242, 233, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 233, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 233, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 233, 187); box-shadow:4px 4px 4px 4px rgb(242, 233, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7265, 80.7429, 58.6601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 233, 187) }
```

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

```
.background{ background-color: rgb(242,  
233, 187) }
```

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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