

Converting Colors

XYZ(74.6742, 76.3034, 65.2727)

Have a look what the booklet for
XYZ(74.6742, 76.3034, 65.2727)
contains.

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Color

**XYZ(74.8190, 76.5383,
65.4736)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DFC8
RGB	246, 223, 200
RGB Percent	96%, 87%, 78%
CMY	0.0353, 0.1255, 0.2157
CMYK	0.00, 0.09, 0.19, 0.04
HSL	30°, 72%, 87%
HSV	30°, 19%, 96%
XYZ	74.8190, 76.5383, 65.4736
YIQ	227.2550, 21.0910, -2.2770

Conversions

Conversions Part 2

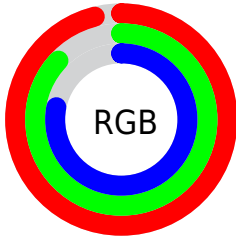
Format	Color
R _{YB}	246, 246, 200
Decimal	16179144
CIE Lab	90.11, 4.30, 14.14
CIE LCh	90, 14.776, 73.077
Yxy	76.5383, 0.3451, 0.3530
Android (android.graphics.Color)	4294369224 (0xFFFF6DFC8)
YUV	227.2550, -13.4367, 16.4394
Hunter-Lab	87.4862, -0.4459, 16.8684

Details

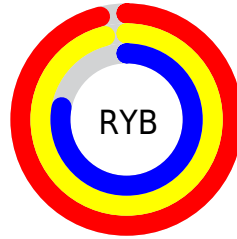
The XYZ color **74.8190, 76.5383, 65.4736** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8412, 71.7068, 97.5071**, and the grayscale version is **73.2849, 77.1014, 83.9635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1772, 40.8994, 32.9709** is the 20% darker color. If you saturate the color by 10%, you get **69.0056, 69.1478, 50.4745**, and if you desaturate by 10%, it is **81.3379, 84.5980, 82.9918**.

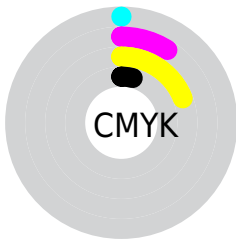
Distribution



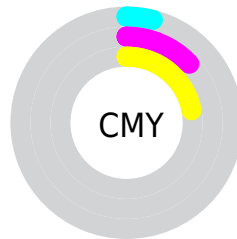
- Red (96%)
- Green (87%)
- Blue (78%)



- Red (96%)
- Yellow (96%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8190, 76.5383, 65.4736 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 74.8190, 76.5383, 65.4736 by changing the saturation by 10% instead.

 74.8190, 76.5383,
65.4736

 74.8190, 76.5383,
65.4736


466.3020,
483.1884, 462.8446

 55.7583, 56.8740,
47.3914


125.0454,
128.4875, 114.3503

 40.2454, 40.9041,
32.9886


156.9418,
161.5413, 145.9818

 27.9150, 28.2442,
21.8467


193.8474,
199.8270, 182.9669

 18.4017, 18.5098,
13.5471

236.1277,
243.7290, 225.7242

 11.3402, 11.3166,
7.6712

284.1479,
293.6318, 274.6720

 6.3651, 6.2802,
3.8005

338.2735,

 3.1111, 3.0162,

349.9197, 330.2290

1.5166

398.8697,
412.9771, 392.8137

■ 1.2128, 1.1402,
0.2302

■ 0.1164, 0.0120,
0.0000

■ 74.8190, 76.5383,
65.4736

■ 74.8190, 76.5383,
65.4736

■ 69.0056, 69.1478,
50.4745

■ 81.3379, 84.5980,
82.9918

■ 63.8643, 62.3973,
37.8717

■ 88.5814, 93.3347,
103.1344

■ 59.3680, 56.2703,
27.5392

■ 91.8162, 98.3329,
108.7487

■ 55.4854, 50.7456,
19.3375

■ 52.1816, 45.8003,
13.1115

■ 49.4177, 41.4096,
8.6847

■ 47.1483, 37.5456,
5.8482

■ 45.3102, 34.1729,
4.2998

■ 45.0925, 33.7654,
4.1407

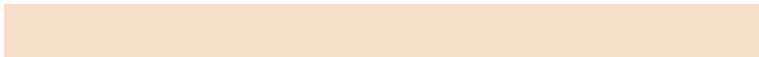
Harmonies

Analogous

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



78.0198, 76.5383, 70.2930



74.8190, 76.5383, 65.4736



71.1637, 76.5383, 65.1755

Triad

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



74.8190, 76.5383, 65.4736



66.0935, 76.5383, 87.9900



77.6698, 76.5383, 98.9734

Complementary

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



74.8190, 76.5383, 65.4736



66.8412, 71.7068, 97.5071

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.



74.3543, 76.5383, 104.5936



74.8190, 76.5383, 65.4736



67.7180, 76.5383, 97.9028

Square

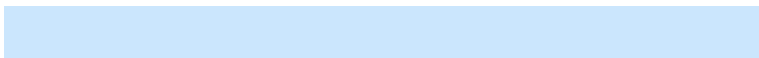
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8190, 76.5383, 65.4736



66.2085, 76.5383, 77.5967



70.7143, 76.5383, 104.1861



79.7032, 76.5383, 89.3540

Rectangle

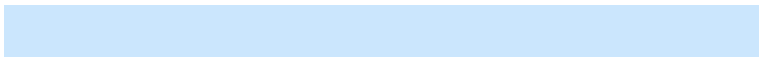
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8190, 76.5383, 65.4736



68.9669, 76.5383, 67.5367



70.7143, 76.5383, 104.1861



76.6636, 76.5383, 101.4278

Sweetspot

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



74.8211, 76.5417, 65.4752



90.2920, 94.2703, 95.6417



71.9804, 66.2301, 78.8028



19.2191, 20.0477, 20.1759



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.



74.8211, 76.5417, 65.4752



78.9942, 80.2930, 65.3066



81.3877, 89.6750, 67.6641



17.1839, 17.8519, 17.3376



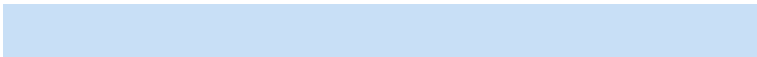
24.2088, 18.3033, 2.2569



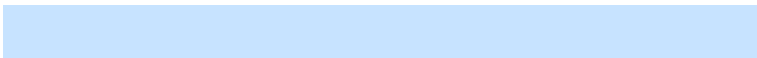
2.2305, 1.8142, 0.2326

Inverse Universe

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



66.8412, 71.7068, 97.5071



69.0304, 74.2560, 105.3023



61.1092, 60.2428, 95.5964



16.2656, 17.2955, 21.0236



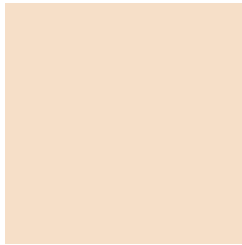
12.7981, 11.3899, 48.0620



1.2276, 1.2066, 4.2584

Previews

White Background



This preview shows how the XYZ color 74.8190, 76.5383, 65.4736 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 74.8190, 76.5383, 65.4736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

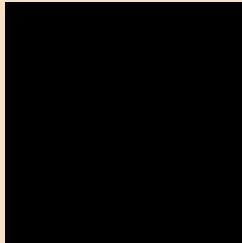
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8190, 76.5383, 65.4736

Background



This preview shows how black text looks on a background with the XYZ color 74.8190, 76.5383, 65.4736.



This preview shows how white text looks on a background with the XYZ color 74.8190, 76.5383, 65.4736.

65.4736.

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

74.8190, 76.5383, 65.4736

Protanopia

72.7821, 76.6615, 66.8382

Deuteranopia

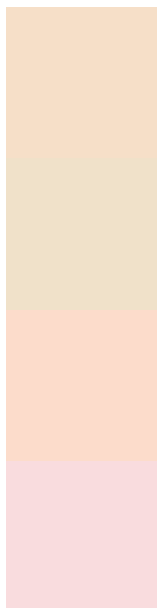
77.4706, 76.2827, 67.7676



Tritanopia

79.4911, 76.4650, 89.1668

Trichromacy



Original Color

74.8190, 76.5383, 65.4736

Protanomaly

73.4030, 76.5927, 66.1735

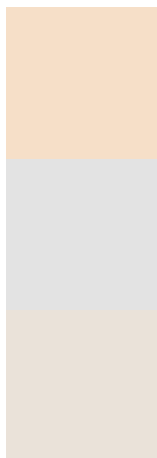
Deuteranomaly

76.5176, 76.1936, 67.1738

Tritanomaly

77.8449, 76.6001, 79.7897

Monochromacy



Original Color

74.8190, 76.5383, 65.4736

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.6524, 76.8949, 76.6059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8190, 76.5383, 65.4736 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(246, 223, 200)` looks like.

```
.text, #text, p{  
    color:rgb(246, 223, 200)  
}
```

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(246, 223, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 223, 200) }
```

Border

The CSS property to change the border of an element to XYZ 74.8190, 76.5383, 65.4736 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(246, 223, 200) }
```


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

```
.border{ border-color:rgb(246, 223, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 223, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 223, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 223, 200);  
box-shadow:4px 4px 4px 4px rgb(246, 223,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8190, 76.5383, 65.4736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 223, 200) }
```

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

```
.background{ background-color: rgb(246,  
223, 200) }
```

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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