

Converting Colors

XYZ(76.5044, 78.7322, 66.0887)

Have a look what the booklet for
XYZ(76.5044, 78.7322, 66.0887)
contains.

XYZ(76.3331, 78.5193, 65.7761)	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(76.3331, 78.5193,
65.7761)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E2C8
RGB	248, 226, 200
RGB Percent	97%, 89%, 78%
CMY	0.0274, 0.1137, 0.2157
CMYK	0.00, 0.09, 0.19, 0.03
HSL	33°, 77%, 88%
HSV	33°, 19%, 97%
XYZ	76.3331, 78.5193, 65.7761
YIQ	229.6140, 21.4580, -3.4220

Conversions

Conversions Part 2

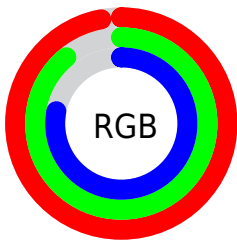
Format	Color
R _Y B	241, 248, 200
Decimal	16310984
CIE Lab	91.02, 3.48, 15.44
CIE LCh	91, 15.829, 77.292
Yxy	78.5193, 0.3460, 0.3559
Android (android.graphics.Color)	4294501064 (0xFFFF8E2C8)
YUV	229.6140, -14.5997, 16.1245
Hunter-Lab	88.6111, -1.3025, 18.0168

Details

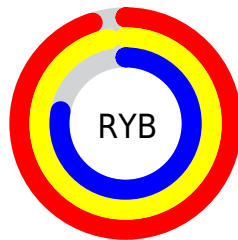
The XYZ color **76.3331, 78.5193, 65.7761** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.8836, 71.2976, 99.0442**, and the grayscale version is **75.0236, 78.9307, 85.9555**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2371, 42.2775, 33.1811** is the 20% darker color. If you saturate the color by 10%, you get **70.6787, 71.4784, 50.7329**, and if you desaturate by 10%, it is **82.6667, 86.1650, 83.3670**.

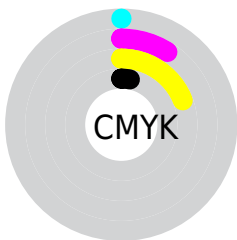
Distribution



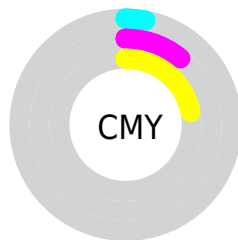
- Red (97%)
- Green (89%)
- Blue (78%)



- Red (95%)
- Yellow (97%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3331, 78.5193, 65.7761 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 76.3331, 78.5193, 65.7761 by changing the saturation by 10% instead.


 76.3331, 78.5193,
65.7761

 76.3331, 78.5193,
65.7761

471.4141,
489.9286, 463.9580

 57.0037, 58.5007,
47.6353


127.1755,
131.2819, 114.7889

 41.2484, 42.2113,
33.1803


159.4192,
164.7947, 146.4979

 28.7017, 29.2668,
21.9923


196.6984,
203.5743, 183.5668

 18.9984, 19.2827,
13.6530

239.3784,
248.0051, 226.4141

 11.7732, 11.8747,
7.7437

287.8247,
298.4716, 275.4584

 6.6605, 6.6584,
3.8460

342.4025,

 3.2951, 3.2494,

355.3581, 331.1181

1.5412

403.4771,
419.0489, 393.8118

■ 1.3117, 1.2633,
0.2484

■ 0.1919, 0.1125,
0.0000

■ 76.3331, 78.5193,
65.7761

■ 76.3331, 78.5193,
65.7761

■ 70.6787, 71.4784,
50.7329

■ 82.6667, 86.1650,
83.3670

■ 65.6707, 65.0147,
38.1119

■ 89.6983, 94.4211,
103.6130

■ 61.2825, 59.1140,
27.7843

■ 92.5217, 98.6966,
108.7817

■ 57.4833, 53.7571,
19.6074

■ 54.2387, 48.9233,
13.4222

■ 51.5100, 44.5901,
9.0472

■ 49.2521, 40.7319,
6.2671

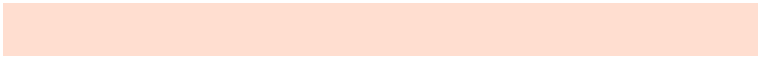
■ 47.3973, 37.3139,
4.7502

■ 47.2865, 37.1062,
4.6699

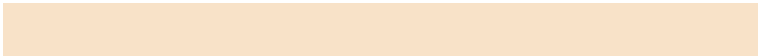
Harmonies

Analogous

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



79.9635, 78.5193, 70.3235



76.3331, 78.5193, 65.7761



72.3698, 78.5193, 66.1593

Triad

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



76.3331, 78.5193, 65.7761



67.5323, 78.5193, 92.2027



80.4194, 78.5193, 101.3033

Complementary

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



76.3331, 78.5193, 65.7761



66.8836, 71.2976, 99.0442

Split Complementary

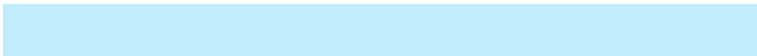
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9373, 78.5193, 108.2707



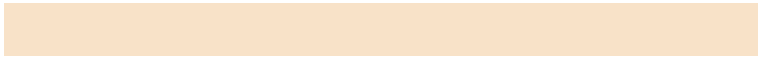
76.3331, 78.5193, 65.7761



69.5396, 78.5193, 102.7033

Square

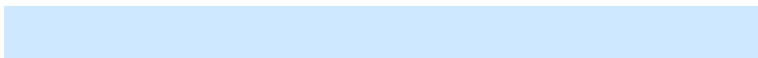
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3331, 78.5193, 65.7761



67.3836, 78.5193, 80.7447



72.9529, 78.5193, 108.8048



82.3786, 78.5193, 90.4263

Rectangle

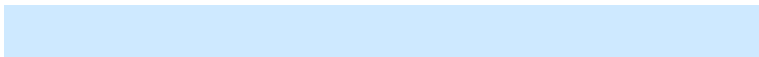
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3331, 78.5193, 65.7761



70.0714, 78.5193, 69.1569



72.9529, 78.5193, 108.8048



79.3826, 78.5193, 104.2208

Sweetspot

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



76.3352, 78.5228, 65.7778



90.4877, 94.6615, 95.7069



72.6050, 66.5614, 78.4105



19.2653, 20.1402, 20.1913



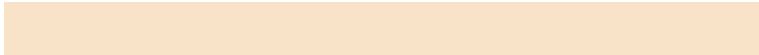
0.0000, 0.0000, 0.0000



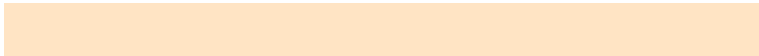
20.3446, 21.4041, 23.3091

Same Dimension

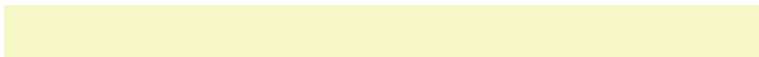
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3352, 78.5228, 65.7778



79.0214, 80.8169, 63.8680



82.1399, 90.9709, 67.8745



18.0237, 18.7834, 18.1380



25.6861, 20.3288, 2.5701



2.4850, 2.0949, 0.2734

Inverse Universe

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



66.8836, 71.2976, 99.0442



67.3540, 71.8986, 104.9356



61.8475, 60.5878, 97.2424



16.9383, 17.9535, 21.9579



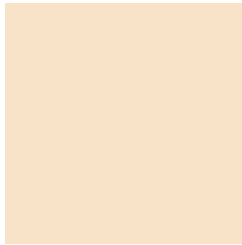
12.5181, 10.3917, 49.3196



1.2640, 1.1717, 4.6027

Previews

White Background



This preview shows how the XYZ color 76.3331, 78.5193, 65.7761 looks on a white background.

Color Contrast Check

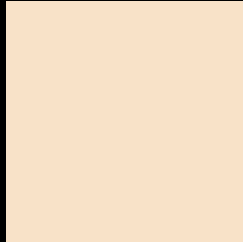
Large Text (above 18pt) WCAG AA × Fail

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 76.3331, 78.5193, 65.7761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

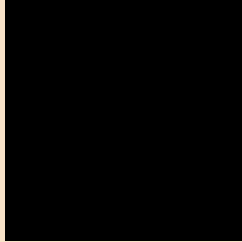
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3331, 78.5193, 65.7761

Background



This preview shows how black text looks on a background with the XYZ color 76.3331, 78.5193, 65.7761.



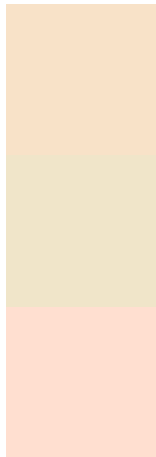
This preview shows how white text looks on a background with the XYZ color 76.3331, 78.5193,

65.7761.

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

76.3331, 78.5193, 65.7761

Protanopia

74.4971, 78.7809, 66.5382

Deuteranopia

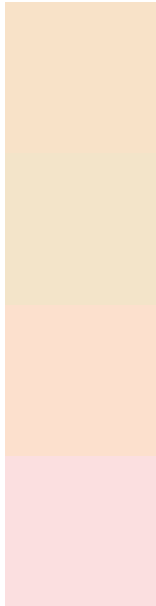
79.0128, 78.5894, 70.6794



Tritanopia

81.7971, 78.7686, 91.7816

Trichromacy



Original Color

76.3331, 78.5193, 65.7761

Protanomaly

75.2482, 78.7585, 66.4943

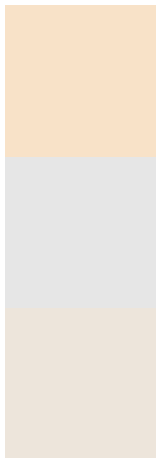
Deuteranomaly

77.8200, 78.4145, 68.7916

Tritanomaly

79.6259, 78.6664, 81.5084

Monochromacy



Original Color

76.3331, 78.5193, 65.7761

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7305, 79.1576, 78.3054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3331, 78.5193, 65.7761 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(248, 226, 200)` looks like.

```
.text, #text, p{  
    color:rgb(248, 226, 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(248, 226, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 226, 200) }
```

Border

The CSS property to change the border of an element to XYZ 76.3331, 78.5193, 65.7761 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(248, 226, 200) }
```


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

```
.border{ border-color:rgb(248, 226, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 226, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 226, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 226, 200);  
box-shadow:4px 4px 4px 4px rgb(248, 226,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3331, 78.5193, 65.7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 226, 200) }
```

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

```
.background{ background-color: rgb(248,  
226, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor