

Converting Colors

XYZ(75.7958, 76.3034, 65.8730)

Have a look what the booklet for
XYZ(75.7958, 76.3034, 65.8730)
contains.

XYZ(75.8234, 76.2539, 65.9805)	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(75.8234, 76.2539,
65.9805)**

Conversions

Conversions Part 1

Format	Color
Hex	FADDC9
RGB	250, 221, 201
RGB Percent	98%, 87%, 79%
CMY	0.0196, 0.1333, 0.2118
CMYK	0.00, 0.12, 0.20, 0.02
HSL	24°, 83%, 88%
HSV	24°, 20%, 98%
XYZ	75.8234, 76.2539, 65.9805
YIQ	227.3910, 23.7040, -0.0720

Conversions

Conversions Part 2

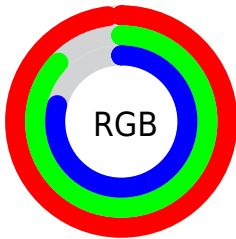
Format	Color
R _Y B	250, 235, 201
Decimal	16440777
CIE Lab	89.98, 6.92, 13.47
CIE LCh	90, 15.150, 62.800
Yxy	76.2539, 0.3477, 0.3497
Android (android.graphics.Color)	4294630857 (0xFFFA ^{DD} C9)
YUV	227.3910, -13.0108, 19.8281
Hunter-Lab	87.3235, 2.1763, 16.3277

Details

The XYZ color **75.8234, 76.2539, 65.9805** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6391, 75.9115, 101.4251**, and the grayscale version is **73.3797, 77.2011, 84.0720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8950, 40.7165, 33.3074** is the 20% darker color. If you saturate the color by 10%, you get **69.3837, 67.7038, 50.4864**, and if you desaturate by 10%, it is **83.0901, 85.6908, 84.1134**.

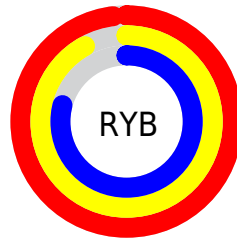
Distribution



Red (98%)

Green (87%)

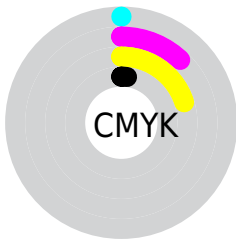
Blue (79%)



Red (98%)

Yellow (92%)

Blue (79%)

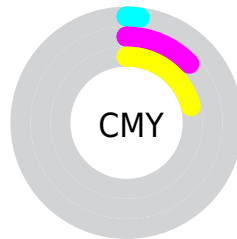


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8234, 76.2539, 65.9805 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 75.8234, 76.2539, 65.9805 by changing the saturation by 10% instead.


 75.8234, 76.2539,
65.9805

 75.8234, 76.2539,
65.9805


469.6966,
482.2164, 464.7095

 56.5843, 56.6407,
47.8002


126.4589,
128.0857, 115.0851

 40.9104, 40.7169,
33.3098


158.5860,
161.0732, 146.8464

 28.4364, 28.0979,
22.0908


195.7398,
199.2876, 183.9719

 18.7970, 18.3995,
13.7247

238.2857,
243.1132, 226.8800

 11.6268, 11.2372,
7.7929

286.5889,
292.9345, 275.9892

 6.5605, 6.2266,
3.8768

341.0149,

 3.2327, 2.9834,

349.1359, 331.7182

1.5580

401.9290,
412.1017, 394.4854

■ 1.2780, 1.1230,
0.2606

■ 0.1666, 0.0000,
0.0000

■ 75.8234, 76.2539,
65.9805

■ 75.8234, 76.2539,
65.9805

■ 69.3837, 67.7038,
50.4864

■ 83.0901, 85.6908,
84.1134

■ 63.7329, 60.0031,
37.5015

■ 91.2077, 96.0297,
104.9967

■ 58.8388, 53.1270,
26.8926

■ 93.2346, 99.0641,
108.8150

■ 54.6644, 47.0452,
18.5118

■ 51.1688, 41.7253,
12.1946

■ 48.3067, 37.1321,
7.7533

■ 46.0250, 33.2267,
4.9650

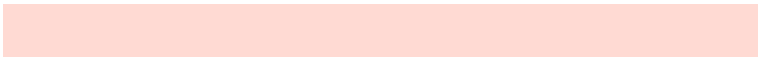
■ 44.2463, 29.9588,
3.4793

■ 44.1824, 29.8397,
3.4310

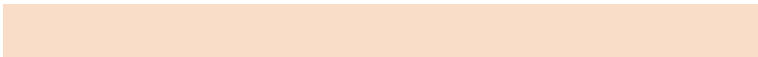
Harmonies

Analogous

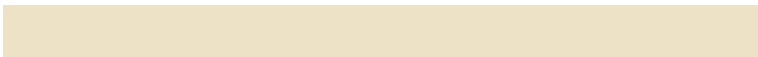
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7090, 76.2539, 72.3350



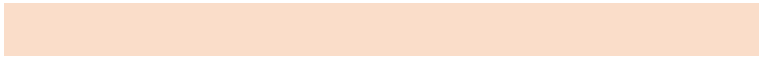
75.8234, 76.2539, 65.9805



72.1253, 76.2539, 64.0613

Triad

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



75.8234, 76.2539, 65.9805



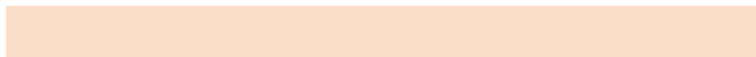
65.5105, 76.2539, 84.0406



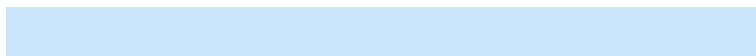
76.4540, 76.2539, 101.6248

Complementary

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



75.8234, 76.2539, 65.9805



69.6391, 75.9115, 101.4251

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.



72.8299, 76.2539, 105.4102



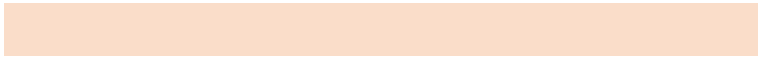
75.8234, 76.2539, 65.9805



66.5831, 76.2539, 94.7250

Square

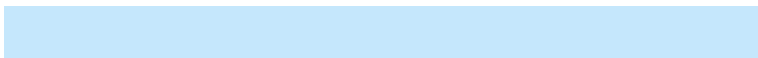
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8234, 76.2539, 65.9805



66.2507, 76.2539, 73.9409



69.2306, 76.2539, 102.7837



79.0818, 76.2539, 92.8297

Rectangle

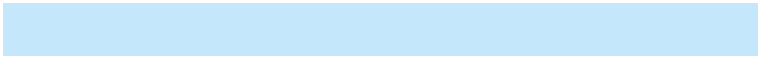
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8234, 76.2539, 65.9805



69.7184, 76.2539, 65.4073



69.2306, 76.2539, 102.7837



75.3076, 76.2539, 103.5580

Sweetspot

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



75.8254, 76.2573, 65.9821



89.8631, 93.4124, 95.4987



74.6510, 67.8339, 84.3173



19.1178, 19.8451, 20.1421



0.0000, 0.0000, 0.0000



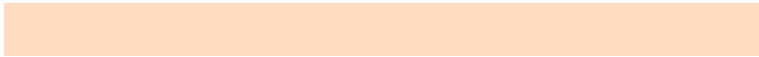
20.3446, 21.4041, 23.3091

Same Dimension

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



75.8254, 76.2573, 65.9821



76.2307, 75.6972, 61.5145



82.6503, 89.9071, 68.2571



17.8265, 18.3888, 18.0722



23.5685, 16.0937, 1.8642



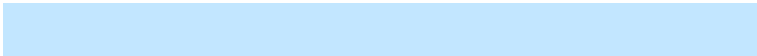
2.2841, 1.6931, 0.2064

Inverse Universe

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



69.6391, 75.9115, 101.4251



68.5477, 75.2646, 105.5224



63.3909, 63.4152, 99.3423



17.1369, 18.3507, 22.0241



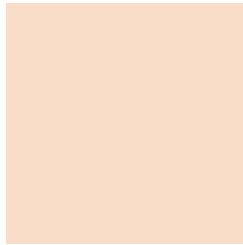
14.9096, 15.1749, 50.1168



1.4851, 1.6139, 4.6764

Previews

White Background



This preview shows how the XYZ color 75.8234, 76.2539, 65.9805 looks on a white background.

Color Contrast Check

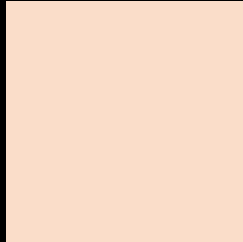
Large Text (above 18pt) WCAG AA × Fail

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 75.8234, 76.2539, 65.9805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

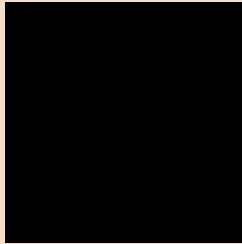
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8234, 76.2539, 65.9805

Background



This preview shows how black text looks on a background with the XYZ color 75.8234, 76.2539, 65.9805.



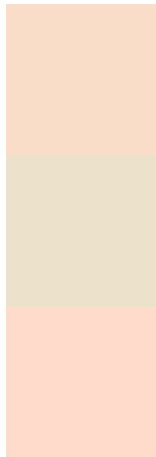
This preview shows how white text looks on a background with the XYZ color 75.8234, 76.2539,

65.9805.

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

75.8234, 76.2539, 65.9805

Protanopia

72.5679, 76.5374, 67.4484

Deuteranopia

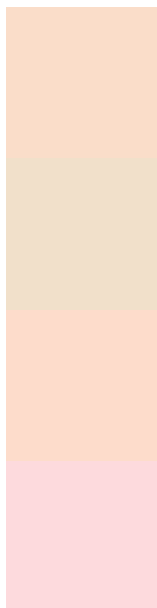
77.4706, 76.2827, 67.7676



Tritanopia

80.1369, 76.0658, 87.5493

Trichromacy



Original Color

75.8234, 76.2539, 65.9805

Protanomaly

73.5920, 76.2763, 66.7212

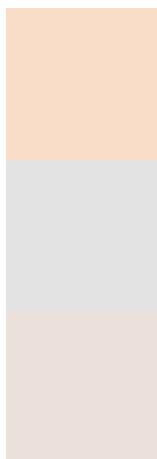
Deuteranomaly

76.8807, 76.3808, 67.1908

Tritanomaly

78.6306, 76.2459, 78.9793

Monochromacy



Original Color

75.8234, 76.2539, 65.9805

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8411, 76.5746, 77.2182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8234, 76.2539, 65.9805 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(250, 221, 201)` looks like.

```
.text, #text, p{  
    color:rgb(250, 221, 201)  
}
```

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(250, 221, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 221, 201) }
```

Border

The CSS property to change the border of an element to XYZ 75.8234, 76.2539, 65.9805 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(250, 221, 201) }
```


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

```
.border{ border-color:rgb(250, 221, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 221, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 221, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 221, 201);  
box-shadow:4px 4px 4px 4px rgb(250, 221,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8234, 76.2539, 65.9805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 221, 201) }
```

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

```
.background{ background-color: rgb(250,  
221, 201) }
```

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