

Converting Colors

XYZ(76.0239, 75.1615, 66.3555)

Have a look what the booklet for
XYZ(76.0239, 75.1615, 66.3555)
contains.

XYZ(75.8770, 75.1025, 66.3742)	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(75.8770, 75.1025,
66.3742)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDACA
RGB	252, 218, 202
RGB Percent	99%, 85%, 79%
CMY	0.0118, 0.1451, 0.2078
CMYK	0.00, 0.13, 0.20, 0.01
HSL	19°, 89%, 89%
HSV	19°, 20%, 99%
XYZ	75.8770, 75.1025, 66.3742
YIQ	226.3420, 25.4000, 2.2320

Conversions

Conversions Part 2

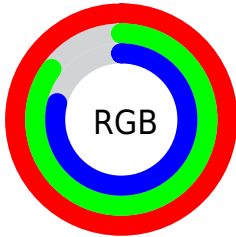
Format	Color
R _Y B	252, 226, 202
Decimal	16571082
CIE Lab	89.44, 9.34, 12.21
CIE LCh	89, 15.379, 52.581
Yxy	75.1025, 0.3491, 0.3455
Android (android.graphics.Color)	4294761162 (0xFFFCDA CA)
YUV	226.3420, -12.0006, 22.5021
Hunter-Lab	86.6617, 4.6284, 15.2530

Details

The XYZ color **75.8770, 75.1025, 66.3742** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9228, 79.5740, 103.6647**, and the grayscale version is **72.6092, 76.3905, 83.1893**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9482, 39.9346, 33.5669** is the 20% darker color. If you saturate the color by 10%, you get **68.9181, 65.5758, 50.5164**, and if you desaturate by 10%, it is **83.7865, 85.7495, 84.9544**.

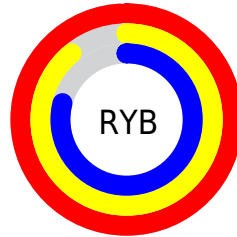
Distribution



Red (99%)

Green (85%)

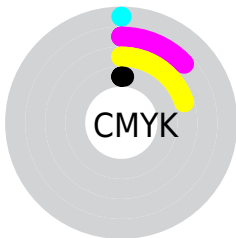
Blue (79%)



Red (99%)

Yellow (89%)

Blue (79%)

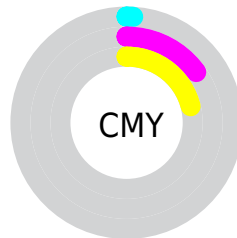


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (1%)



Cyan (1%)


Magenta (15%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8770, 75.1025, 66.3742 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 75.8770, 75.1025, 66.3742 by changing the saturation by 10% instead.


 75.8770, 75.1025,
66.3742

 75.8770, 75.1025,
66.3742


469.8774,
478.2698, 466.1547

 56.6284, 55.6969,
48.1178


126.5343,
126.4574, 115.6554

 40.9459, 39.9599,
33.5596


158.6737,
159.1755, 147.5172

 28.4643, 27.5073,
22.2808


195.8407,
197.0999, 184.7514

 18.8182, 17.9546,
13.8631

238.4006,
240.6150, 227.7763

 11.6422, 10.9174,
7.8879

286.7190,
290.1051, 277.0105

 6.5710, 6.0113,
3.9365

341.1609,

 3.2392, 2.8520,

345.9547, 332.8726

1.5906

402.0920,
408.5481, 395.7812

■ 1.2815, 1.0549,
0.2841

■ 0.1693, 0.0000,
0.0000

■ 75.8770, 75.1025,
66.3742

■ 75.8770, 75.1025,
66.3742

■ 68.9181, 65.5758,
50.5164

■ 83.7865, 85.7495,
84.9544

■ 62.8663, 57.1220,
37.2472

■ 92.6760, 97.5421,
106.3726

■ 57.6835, 49.7052,
26.4286

■ 93.9552, 99.4356,
108.8488

■ 53.3262, 43.2834,
17.9076

■ 49.7468, 37.8116,
11.5141

■ 46.8924, 33.2409,
7.0537

■ 44.7015, 29.5169,
4.2954

■ 43.0851, 26.5719,
2.8696

■ 43.0627, 26.5306,
2.8513

Harmonies

Analogous

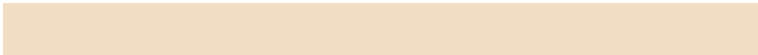
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2847, 75.1025, 74.0611



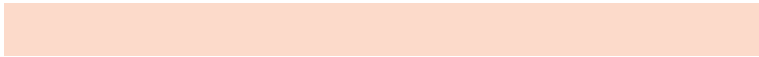
75.8770, 75.1025, 66.3742



72.3225, 75.1025, 62.8727

Triad

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



75.8770, 75.1025, 66.3742



64.4354, 75.1025, 79.1233



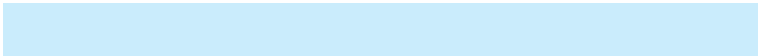
74.2015, 75.1025, 102.4716

Complementary

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



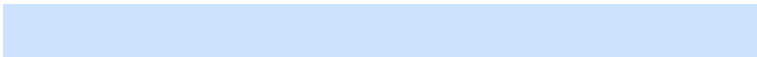
75.8770, 75.1025, 66.3742



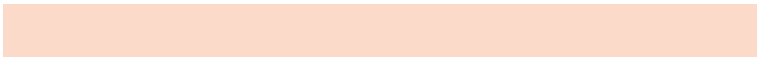
71.9228, 79.5740, 103.6647

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.



70.4511, 75.1025, 104.1277



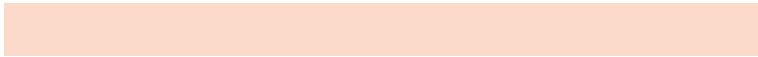
75.8770, 75.1025, 66.3742



64.8987, 75.1025, 90.0044

Square

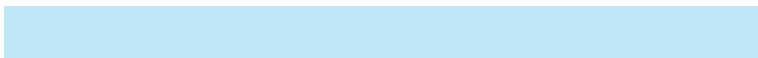
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8770, 75.1025, 66.3742



65.7808, 75.1025, 69.8006



67.0694, 75.1025, 99.3883



77.2938, 75.1025, 95.0435

Rectangle

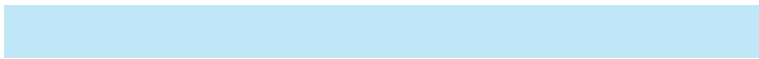
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8770, 75.1025, 66.3742



69.8159, 75.1025, 63.1455



67.0694, 75.1025, 99.3883



72.9727, 75.1025, 103.7468

Sweetspot

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



75.8790, 75.1059, 66.3758



89.4544, 92.5949, 95.3625



76.4308, 69.0033, 88.7754



19.0213, 19.6522, 20.1100



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.



75.8790, 75.1059, 66.3758



74.8475, 72.9308, 61.0534



82.8071, 88.9620, 68.6851



17.6981, 18.1321, 18.0294



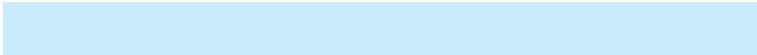
22.5489, 14.0544, 1.5243



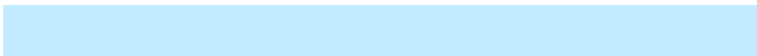
2.1798, 1.4844, 0.1716

Inverse Universe

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



71.9228, 79.5740, 103.6647



70.0728, 78.3148, 106.0308



65.2645, 66.2573, 101.4453



17.2700, 18.6168, 22.0685



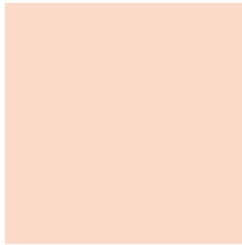
16.9109, 19.1774, 50.7839



1.6619, 1.9675, 4.7354

Previews

White Background



This preview shows how the XYZ color 75.8770, 75.1025, 66.3742 looks on a white background.

Color Contrast Check

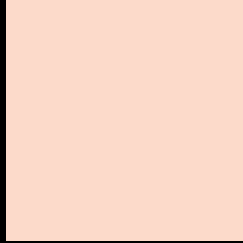
Large Text (above 18pt) WCAG AA × Fail

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 75.8770, 75.1025, 66.3742 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 75.8770, 75.1025, 66.3742

Background



This preview shows how black text looks on a background with the XYZ color 75.8770, 75.1025, 66.3742.



This preview shows how white text looks on a background with the XYZ color 75.8770, 75.1025,

66.3742.

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

75.8770, 75.1025, 66.3742

Protanopia

71.6068, 75.2115, 68.5008

Deuteranopia

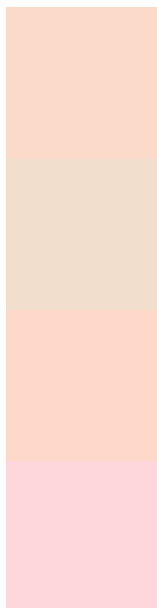
76.7135, 75.1500, 66.3393



Tritanopia

79.5695, 75.0663, 85.1584

Trichromacy



Original Color

75.8770, 75.1025, 66.3742

Protanomaly

73.2960, 75.3030, 67.7986

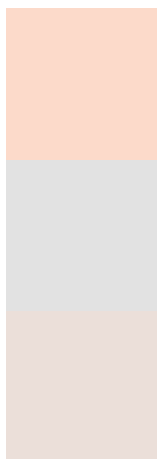
Deuteranomaly

76.3466, 74.9608, 66.3221

Tritanomaly

78.0918, 74.8390, 78.0396

Monochromacy



Original Color

75.8770, 75.1025, 66.3742

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1730, 75.4473, 76.3518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8770, 75.1025, 66.3742 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(252, 218, 202) looks like.

```
.text, #text, p{  
    color:rgb(252, 218, 202)  
}
```

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(252, 218, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 218, 202) }
```

Border

The CSS property to change the border of an element to XYZ 75.8770, 75.1025, 66.3742 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(252, 218, 202) }
```


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

```
.border{ border-color:rgb(252, 218, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 218, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 218, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 218, 202);  
box-shadow:4px 4px 4px 4px rgb(252, 218,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8770, 75.1025, 66.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 218, 202) }
```

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

```
.background{ background-color: rgb(252,  
218, 202) }
```

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