

Converting Colors

XYZ(99.3914, 85.4233, 66.7927)

Have a look what the booklet for
XYZ(99.3914, 85.4233, 66.7927)
contains.

XYZ(75.5769, 73.0655, 65.3781)	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(75.5769, 73.0655,
65.3781)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5C9
RGB	255, 213, 201
RGB Percent	100%, 84%, 79%
CMY	0.0000, 0.1647, 0.2118
CMYK	0.00, 0.16, 0.21, 0.00
HSL	13°, 100%, 89%
HSV	13°, 21%, 100%
XYZ	75.5769, 73.0655, 65.3781
YIQ	224.1900, 28.8840, 5.1720

Conversions

Conversions Part 2

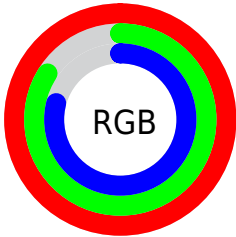
Format	Color
R _Y B	255, 216, 201
Decimal	16766409
CIE Lab	88.48, 12.88, 11.41
CIE LCh	88, 17.205, 41.533
Yxy	73.0655, 0.3531, 0.3414
Android (android.graphics.Color)	4294956489 (0xFFFFD5C9)
YUV	224.1900, -11.4327, 27.0204
Hunter-Lab	85.4784, 8.2362, 14.4869

Details

The XYZ color **75.5769, 73.0655, 65.3781** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1871, 83.7363, 106.8604**, and the grayscale version is **71.0536, 74.7539, 81.4070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7820, 38.5661, 32.8983** is the 20% darker color. If you saturate the color by 10%, you get **68.1359, 62.5922, 49.3066**, and if you desaturate by 10%, it is **84.1293, 84.9642, 84.2786**.

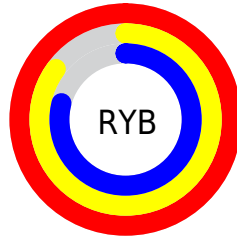
Distribution



Red (100%)

Green (84%)

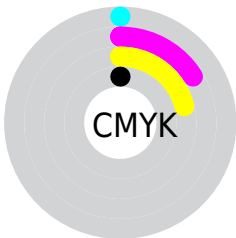
Blue (79%)



Red (100%)

Yellow (85%)

Blue (79%)

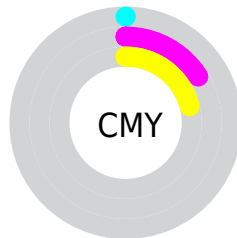


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5769, 73.0655, 65.3781 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 75.5769, 73.0655, 65.3781 by changing the saturation by 10% instead.


 75.5769, 73.0655,
65.3781

 75.5769, 73.0655,
65.3781


468.8648,
471.2418, 462.4928

 56.3815, 54.0295,
47.3144


126.1122,
123.5702, 114.2118

 40.7471, 38.6253,
32.9282


158.1828,
155.8077, 145.8188

 28.3083, 26.4683,
21.8008


195.2758,
193.2145, 182.7775

 18.6998, 17.1743,
13.5137

237.7566,
236.1750, 225.5062

 11.5563, 10.3589,
7.6483

285.9906,
285.0736, 274.4235

 6.5124, 5.6375,
3.7862

340.3430,

 3.2026, 2.6260,

340.2946, 329.9481

1.5088

401.1793,
402.2226, 392.4983

■ 1.2618, 0.9397,
0.2245

■ 0.1544, 0.0000,
0.0000

■ 75.5769, 73.0655,
65.3781

■ 75.5769, 73.0655,
65.3781

■ 68.1359, 62.5922,
49.3066

■ 84.1293, 84.9642,
84.2786

■ 61.7548, 53.4813,
35.9229

■ 93.8316, 98.3296,
106.1309

■ 56.3853, 45.6787,
25.0806

■ 95.0500, 100.0000,
108.9000

■ 51.9734, 39.1232,
16.6170

■ 48.4598, 33.7487,
10.3509

■ 45.7780, 29.4823,
6.0744

■ 43.8511, 26.2427,
3.5388

■ 42.6878, 24.1556,
2.4126

Harmonies

Analogous

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



77.5410, 73.0655, 75.0846



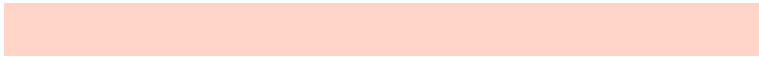
75.5769, 73.0655, 65.3781



71.9984, 73.0655, 59.8337

Triad

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



75.5769, 73.0655, 65.3781



62.1671, 73.0655, 72.5516



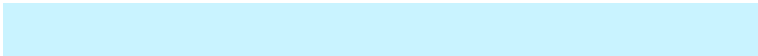
71.0502, 73.0655, 104.0467

Complementary

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



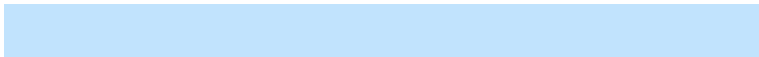
75.5769, 73.0655, 65.3781



74.1871, 83.7363, 106.8604

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.



66.9557, 73.0655, 103.1958



75.5769, 73.0655, 65.3781



61.9360, 73.0655, 84.2012

Square

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



75.5769, 73.0655, 65.3781



64.3015, 73.0655, 63.6827



63.6570, 73.0655, 95.6482



74.8590, 73.0655, 97.8692

Rectangle

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



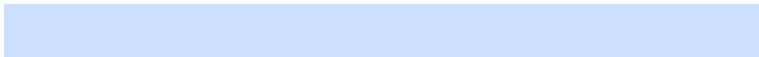
75.5769, 73.0655, 65.3781



69.2338, 73.0655, 58.8749



63.6570, 73.0655, 95.6482



69.6598, 73.0655, 104.5884

Sweetspot

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



75.5786, 73.0687, 65.3796



89.0046, 91.6953, 95.2125



78.3501, 69.5233, 94.3219



18.9153, 19.4401, 20.0746



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.



75.5786, 73.0687, 65.3796



72.6040, 68.8976, 58.9065



82.8548, 87.6211, 67.8050



18.3368, 18.6418, 18.7761



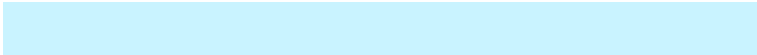
22.3952, 12.8016, 1.2906



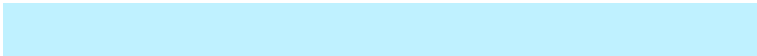
2.2575, 1.4004, 0.1513

Inverse Universe

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



74.1871, 83.7363, 106.8604



71.0031, 81.1374, 106.5266



66.7709, 68.9039, 104.3883



18.1922, 19.7560, 23.1044



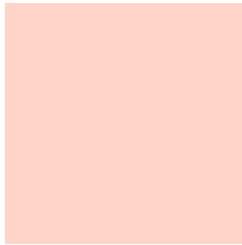
20.1368, 25.1831, 53.2341



2.0409, 2.6126, 5.2100

Previews

White Background



This preview shows how the XYZ color 75.5769, 73.0655, 65.3781 looks on a white background.

Color Contrast Check

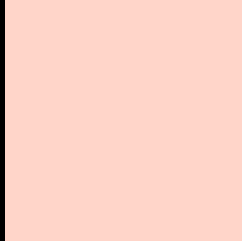
Large Text (above 18pt) WCAG AA × Fail

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 75.5769, 73.0655, 65.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

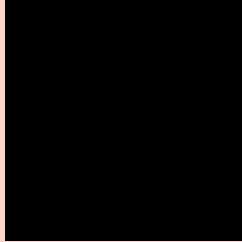
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5769, 73.0655, 65.3781

Background



This preview shows how black text looks on a background with the XYZ color 75.5769, 73.0655, 65.3781.



This preview shows how white text looks on a background with the XYZ color 75.5769, 73.0655,

65.3781.

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

75.5769, 73.0655, 65.3781

Protanopia

69.5090, 72.9437, 68.1736

Deuteranopia

74.7341, 73.0056, 65.4109



Tritanopia

78.1249, 73.2848, 81.2619

Trichromacy



Original Color

75.5769, 73.0655, 65.3781

Protanomaly

71.5671, 72.8532, 67.4168

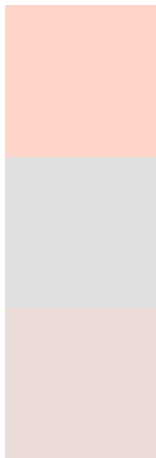
Deuteranomaly

75.0972, 73.1928, 65.4279

Tritanomaly

77.1782, 73.3048, 75.0473

Monochromacy



Original Color

75.5769, 73.0655, 65.3781

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.2488, 73.8064, 75.4039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5769, 73.0655, 65.3781 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(255, 213, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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(255, 213, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 201) }
```

Border

The CSS property to change the border of an element to XYZ 75.5769, 73.0655, 65.3781 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(255, 213, 201) }
```


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

```
.border{ border-color:rgb(255, 213, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5769, 73.0655, 65.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 201) }
```

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

```
.background{ background-color: rgb(255,  
213, 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](#).

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