

Converting Colors

XYZ(94.7629, 82.2612, 59.6473)

Have a look what the booklet for
XYZ(94.7629, 82.2612, 59.6473)
contains.

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Color

**XYZ(73.8285, 71.5662,
58.6377)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3BE
RGB	255, 211, 190
RGB Percent	100%, 83%, 75%
CMY	0.0000, 0.1725, 0.2549
CMYK	0.00, 0.17, 0.25, 0.00
HSL	19°, 100%, 87%
HSV	19°, 25%, 100%
XYZ	73.8285, 71.5662, 58.6377
YIQ	221.7620, 32.9650, 2.7970

Conversions

Conversions Part 2

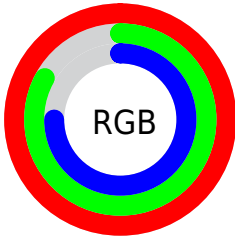
Format	Color
R _Y B	255, 221, 190
Decimal	16765886
CIE Lab	87.76, 12.38, 16.18
CIE LCh	88, 20.372, 52.572
Yxy	71.5662, 0.3618, 0.3508
Android (android.graphics.Color)	4294955966 (0xFFFFD3BE)
YUV	221.7620, -15.6587, 29.1497
Hunter-Lab	84.5968, 7.7344, 18.1213

Details

The XYZ color **73.8285, 71.5662, 58.6377** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7071, 77.0104, 105.8510**, and the grayscale version is **69.3554, 72.9673, 79.4614**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **39.4298, 37.4534, 28.8180** is the 20% darker color. If you saturate the color by 10%, you get **67.2217, 62.4294, 43.8671**, and if you desaturate by 10%, it is **81.3869, 81.8253, 76.1328**.

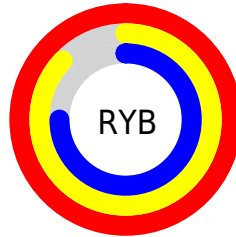
Distribution



Red (100%)

Green (83%)

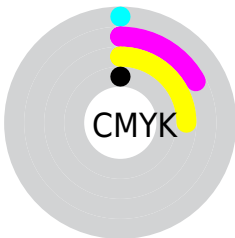
Blue (75%)



Red (100%)

Yellow (87%)

Blue (75%)

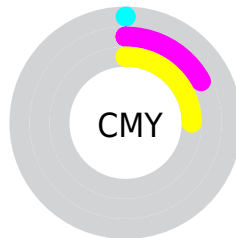


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8285, 71.5662, 58.6377 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 73.8285, 71.5662, 58.6377 by changing the saturation by 10% instead.


 73.8285, 71.5662,
58.6377

 73.8285, 71.5662,
58.6377


462.9407,
466.0303, 437.2224

 54.9445, 52.8044,
41.9034


 123.6495,
121.4396, 104.3749

 39.5909, 37.6466,
28.7007

155.3171,
153.3199, 134.2148

 27.4025, 25.7085,
18.6109


191.9767,
190.3419, 169.2605

 18.0139, 16.6057,
11.2155

233.9935,
232.8900, 209.9303

 11.0597, 9.9538,
6.0960

281.7330,
281.3484, 256.6429

 6.1746, 5.3683,
2.8338

335.5604,

 2.9932, 2.4650,

336.1017, 309.8167

1.0104

395.8412,
397.5342, 369.8704

■ 1.1502, 0.8590,
0.0000

■ 0.0665, 0.0000,
0.0000

■ 73.8285, 71.5662,
58.6377

■ 73.8285, 71.5662,
58.6377

■ 67.2217, 62.4294,
43.8671

■ 81.3869, 81.8253,
76.1328

■ 61.5214, 54.3662,
31.6779

■ 89.9290, 93.2341,
96.4766

■ 56.6863, 47.3382,
21.9208

95.0500, 100.0000,
108.9000

■ 52.6698, 41.3011,
14.4288

■ 49.4201, 36.2069,
9.0138

■ 46.8786, 32.0029,
5.4568

■ 44.9755, 28.6297,
3.4877

■ 44.2879, 27.3558,
2.9460

Harmonies

Analogous

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



76.9706, 71.5662, 68.1454



73.8285, 71.5662, 58.6377



69.2302, 71.5662, 54.3950

Triad

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



73.8285, 71.5662, 58.6377



59.2145, 71.5662, 74.5325



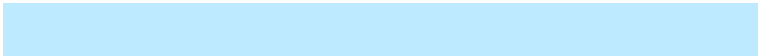
71.6522, 71.5662, 105.1798

Complementary

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



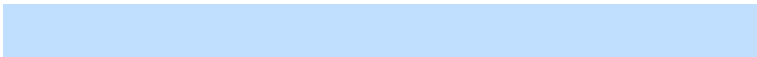
73.8285, 71.5662, 58.6377



68.7071, 77.0104, 105.8510

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.



66.8270, 71.5662, 107.4132



73.8285, 71.5662, 58.6377



59.7945, 71.5662, 88.5948

Square

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



73.8285, 71.5662, 58.6377



60.9039, 71.5662, 62.8386



62.5273, 71.5662, 101.0325



75.6731, 71.5662, 95.2477

Rectangle

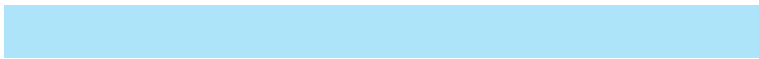
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8285, 71.5662, 58.6377



66.0182, 71.5662, 54.7222



62.5273, 71.5662, 101.0325



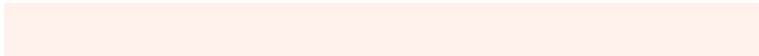
70.0649, 71.5662, 106.9001

Sweetspot

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



73.8303, 71.5694, 58.6392



87.6899, 90.2596, 91.0947



74.5651, 64.0522, 86.5898



18.4886, 18.9454, 18.8267



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.



73.8303, 71.5694, 58.6392



70.0739, 66.3973, 50.1710



82.6101, 89.1290, 61.5658



18.4886, 18.9454, 18.8267



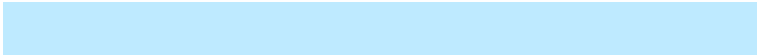
23.2607, 14.5327, 1.5791



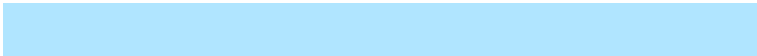
2.3590, 1.6034, 0.1852

Inverse Universe

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



68.7071, 77.0104, 105.8510



64.0884, 72.7348, 105.2691



60.3869, 60.3700, 103.0776



18.0310, 19.4336, 23.0507



17.3407, 19.5910, 52.3021



1.7876, 2.1059, 5.1255

Previews

White Background



This preview shows how the XYZ color 73.8285, 71.5662, 58.6377 looks on a white background.

Color Contrast Check

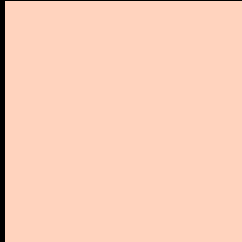
Large Text (above 18pt) WCAG AA × Fail

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 73.8285, 71.5662, 58.6377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

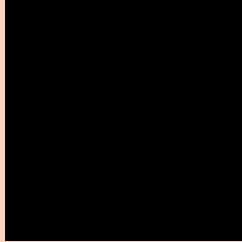
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8285, 71.5662, 58.6377

Background



This preview shows how black text looks on a background with the XYZ color 73.8285, 71.5662, 58.6377.



This preview shows how white text looks on a background with the XYZ color 73.8285, 71.5662,

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

73.8285, 71.5662, 58.6377

Protanopia

67.9639, 71.9044, 61.3358

Deuteranopia

72.9826, 71.5001, 58.6695



Tritanopia

76.9807, 71.6457, 78.8789

Trichromacy



Original Color

73.8285, 71.5662, 58.6377

Protanomaly

70.0351, 71.8267, 60.6248

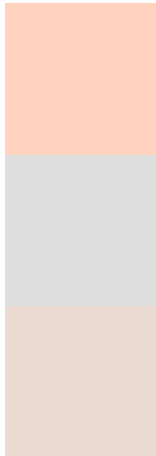
Deuteranomaly

73.3458, 71.6873, 58.6865

Tritanomaly

75.6733, 71.5141, 70.7879

Monochromacy



Original Color

73.8285, 71.5662, 58.6377

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.6359, 72.2884, 71.2029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8285, 71.5662, 58.6377 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, 211, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 190)  
}
```

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, 211, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 190) }
```

Border

The CSS property to change the border of an element to XYZ 73.8285, 71.5662, 58.6377 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, 211, 190) }
```


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

```
.border{ border-color:rgb(255, 211, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8285, 71.5662, 58.6377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 190) }
```

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

```
.background{ background-color: rgb(255,  
211, 190) }
```

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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