

Converting Colors

XYZ(162.7109, 116.4082,
65.1839)

Have a look what the booklet for
XYZ(162.7109, 116.4082, 65.1839)
contains.

XYZ(73.5335, 70.2668, 60.7262)	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(73.5335, 70.2668,
60.7262)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0C2
RGB	255, 208, 194
RGB Percent	100%, 82%, 76%
CMY	0.0000, 0.1843, 0.2392
CMYK	0.00, 0.18, 0.24, 0.00
HSL	14°, 100%, 88%
HSV	14°, 24%, 100%
XYZ	73.5335, 70.2668, 60.7262
YIQ	220.4570, 32.5060, 5.6100

Conversions

Conversions Part 2

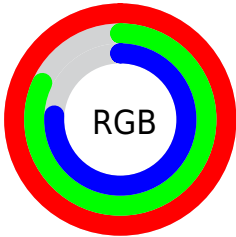
Format	Color
R _Y B	255, 212, 194
Decimal	16765122
CIE Lab	87.13, 14.49, 13.18
CIE LCh	87, 19.588, 42.284
Yxy	70.2668, 0.3595, 0.3436
Android (android.graphics.Color)	4294955202 (0xFFFFD0C2)
YUV	220.4570, -13.0433, 30.2942
Hunter-Lab	83.8253, 9.8901, 15.7258

Details

The XYZ color **73.5335, 70.2668, 60.7262** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7525, 81.5974, 106.5759**, and the grayscale version is **68.4207, 71.9839, 78.3905**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **39.3152, 36.8750, 29.8564** is the 20% darker color. If you saturate the color by 10%, you get **66.4151, 60.2267, 45.4158**, and if you desaturate by 10%, it is **81.7400, 81.6963, 78.8254**.

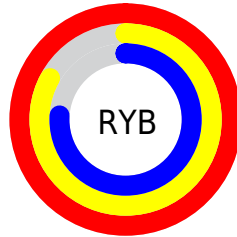
Distribution



Red (100%)

Green (82%)

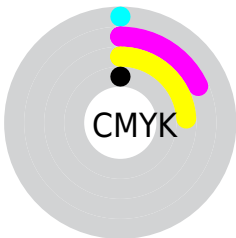
Blue (76%)



Red (100%)

Yellow (83%)

Blue (76%)

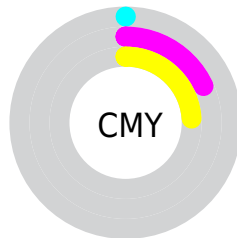


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5335, 70.2668, 60.7262 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 73.5335, 70.2668, 60.7262 by changing the saturation by 10% instead.


 73.5335, 70.2668,
60.7262

 73.5335, 70.2668,
60.7262

461.9370,
461.4862, 445.1481

 54.7022, 51.7441,
43.5751


 123.2333,
119.5892, 107.4361

 39.3963, 36.8011,
30.0019

154.8326,
151.1576, 137.8319

 27.2503, 25.0535,
19.5880


191.4186,
187.8433, 173.4798

 17.8988, 16.1170,
11.9148

233.3567,
230.0308, 214.7982

 10.9766, 9.6069,
6.5638

281.0123,
278.1045, 262.2057

 6.1183, 5.1391,
3.1166

334.7506,

 2.9585, 2.3291,

332.4487, 316.1208

1.1545

394.9370,
393.4478, 376.9621

■ 1.1318, 0.7891,
0.0000

■ 0.0515, 0.0000,
0.0000

■ 73.5335, 70.2668,
60.7262

■ 73.5335, 70.2668,
60.7262

■ 66.4151, 60.2267,
45.4158

■ 81.7400, 81.6963,
78.8254

■ 60.3331, 51.5134,
32.7504

■ 91.0734, 94.5561,
99.8386

■ 55.2390, 44.0732,
22.5803

95.0500, 100.0000,
108.9000

■ 51.0781, 37.8453,
14.7384

■ 47.7903, 32.7635,
9.0373

■ 45.3077, 28.7550,
5.2603

■ 43.5507, 25.7376,
3.1434

■ 42.7807, 24.3414,
2.4436

Harmonies

Analogous

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



75.7900, 70.2668, 71.2540



73.5335, 70.2668, 60.7262



69.5093, 70.2668, 54.8616

Triad

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



73.5335, 70.2668, 60.7262



58.7244, 70.2668, 69.0694



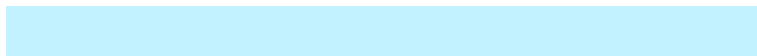
68.6826, 70.2668, 103.9698

Complementary

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



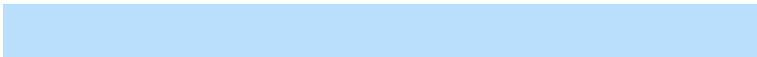
73.5335, 70.2668, 60.7262



71.7525, 81.5974, 106.5759

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.



64.1358, 70.2668, 103.2108



73.5335, 70.2668, 60.7262



58.5258, 70.2668, 82.0154

Square

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



73.5335, 70.2668, 60.7262



61.0207, 70.2668, 59.2853



60.4653, 70.2668, 94.8128



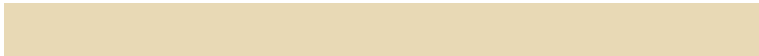
72.9045, 70.2668, 96.7811

Rectangle

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



73.5335, 70.2668, 60.7262



66.4352, 70.2668, 53.9224



60.4653, 70.2668, 94.8128



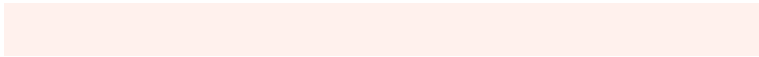
67.1390, 70.2668, 104.6569

Sweetspot

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



73.5352, 70.2699, 60.7276



88.0768, 90.4408, 93.0504



76.5267, 66.2421, 92.5868



18.7291, 19.1889, 19.6389



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.



73.5352, 70.2699, 60.7276



69.7862, 64.9993, 52.6110



81.4700, 86.1396, 63.3726



18.3477, 18.6636, 18.7797



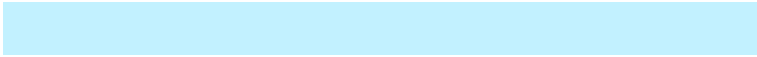
22.4461, 12.9034, 1.3076



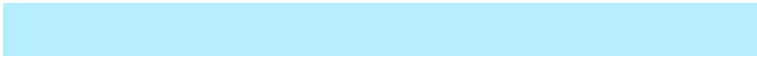
2.2639, 1.4131, 0.1534

Inverse Universe

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



71.7525, 81.5974, 106.5759



67.6987, 78.2116, 106.1360



63.6636, 65.4196, 103.8796



18.1805, 19.7326, 23.1005



19.9183, 24.7462, 53.1613



2.0214, 2.5735, 5.2035

Previews

White Background



This preview shows how the XYZ color 73.5335, 70.2668, 60.7262 looks on a white background.

Color Contrast Check

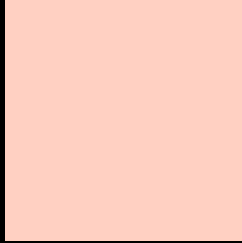
Large Text (above 18pt) WCAG AA × Fail

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 73.5335, 70.2668, 60.7262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

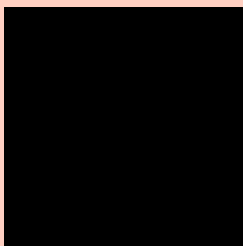
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5335, 70.2668, 60.7262

Background



This preview shows how black text looks on a background with the XYZ color 73.5335, 70.2668, 60.7262.



This preview shows how white text looks on a background with the XYZ color 73.5335, 70.2668,

60.7262.

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

73.5335, 70.2668, 60.7262

Protanopia

67.0588, 70.5972, 64.1251

Deuteranopia

72.0988, 70.6233, 60.8706



Tritanopia

75.9896, 70.0900, 77.2338

Trichromacy



Original Color

73.5335, 70.2668, 60.7262

Protanomaly

69.0497, 70.1289, 62.7202

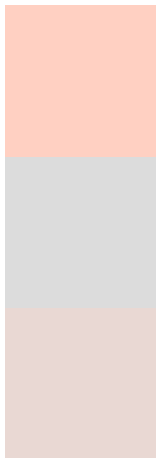
Deuteranomaly

72.5679, 70.4975, 60.8216

Tritanomaly

75.0692, 70.1058, 71.2032

Monochromacy



Original Color

73.5335, 70.2668, 60.7262

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.9180, 71.1385, 71.6740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5335, 70.2668, 60.7262 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, 208, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 194)  
}
```

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, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 194) }
```

Border

The CSS property to change the border of an element to XYZ 73.5335, 70.2668, 60.7262 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, 208, 194) }
```


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

```
.border{ border-color:rgb(255, 208, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 208, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 208, 194); box-shadow:4px 4px 4px 4px rgb(255, 208, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5335, 70.2668, 60.7262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 194) }
```

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

```
.background{ background-color: rgb(255,  
208, 194) }
```

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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