

Converting Colors

XYZ(97.4785, 74.1641, 37.1900)

Have a look what the booklet for
XYZ(97.4785, 74.1641, 37.1900)
contains.

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Color

**XYZ(63.1092, 56.4459,
35.5859)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB594
RGB	255, 181, 148
RGB Percent	100%, 71%, 58%
CMY	0.0000, 0.2902, 0.4196
CMYK	0.00, 0.29, 0.42, 0.00
HSL	19°, 100%, 79%
HSV	19°, 42%, 100%
XYZ	63.1092, 56.4459, 35.5859
YIQ	199.3640, 54.6970, 5.4250

Conversions

Conversions Part 2

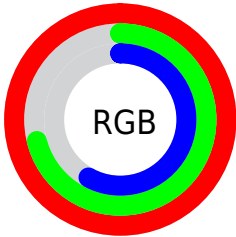
Format	Color
R_{YB}	255, 196, 148
Decimal	16758164
CIE _{Lab}	79.87, 22.98, 27.52
CIE _{LCh}	80, 35.858, 50.137
Yxy	56.4459, 0.4068, 0.3638
Android (android.graphics.Color)	4294948244 (0xFFFFB594)
YUV	199.3640, -25.3225, 48.7928
Hunter-Lab	75.1305, 18.4607, 24.5084

Details

The XYZ color **63.1092, 56.4459, 35.5859** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.3829, 65.7558, 104.3281**, and the grayscale version is **54.6372, 57.4826, 62.5985**.

A 20% lighter version of the original color is **82.1849, 86.0926, 68.1630**, and **32.6418, 28.0372, 15.0006** is the 20% darker color. If you saturate the color by 10%, you get **57.9474, 49.0045, 24.9804**, and if you desaturate by 10%, it is **69.1723, 64.9783, 48.6864**.

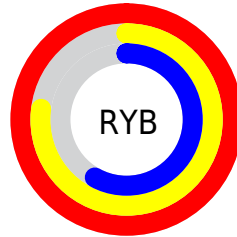
Distribution



Red (100%)

Green (71%)

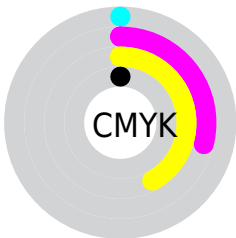
Blue (58%)



Red (100%)

Yellow (77%)

Blue (58%)

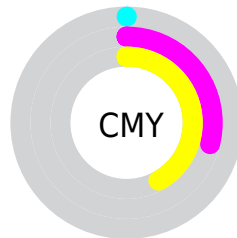


Cyan (0%)

Magenta (29%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1092, 56.4459, 35.5859 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 63.1092, 56.4459, 35.5859 by changing the saturation by 10% instead.


 63.1092, 56.4459,
35.5859


 63.1092, 56.4459,
35.5859


425.6191,
411.3698, 342.1295

 46.1885, 40.5605,
23.8274


 108.4080, 99.6562,
69.5543

 32.5999, 27.9759,
14.9946

 137.5168,
127.7500, 92.6012

 21.9779, 18.3075,
8.6690


171.4190,
160.6820, 120.2480

 13.9571, 11.1710,
4.4321

210.4800,
198.8367, 152.9133

 8.1724, 6.1819,
1.8653

255.0652,
242.5984, 191.0155

 4.2582, 2.9560,
0.4705

305.5398,

 1.8492, 1.1088,

292.3515, 234.9733

0.0000

362.2694,
348.4805, 285.2051

■ 0.5471, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1092, 56.4459,
35.5859

■ 63.1092, 56.4459,
35.5859

■ 57.9474, 49.0045,
24.9804

■ 69.1723, 64.9783,
48.6864

■ 53.6363, 42.6003,
16.7054

■ 76.1753, 74.6364,
64.4252

■ 50.1262, 37.1869,
10.5818

■ 84.1596, 85.4630,
82.9385

■ 47.3599, 32.7108,
6.4026

■ 93.1627, 97.4965,
104.3522

■ 45.2707, 29.1122, 95.0500, 100.0000,
3.9187 108.9000

■ 44.0114, 26.8028,
2.8538

Harmonies

Analogous

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



67.8604, 56.4459, 48.6922



63.1092, 56.4459, 35.5859



56.0782, 56.4459, 29.8745

Triad

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



63.1092, 56.4459, 35.5859



41.0328, 56.4459, 54.8600



58.6035, 56.4459, 107.1827

Complementary

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



63.1092, 56.4459, 35.5859



56.3829, 65.7558, 104.3281

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.



51.2932, 56.4459, 109.8914



63.1092, 56.4459, 35.5859



41.5766, 56.4459, 76.2848

Square

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



63.1092, 56.4459, 35.5859



43.6278, 56.4459, 39.2220



45.1869, 56.4459, 97.5594



65.1007, 56.4459, 90.8278

Rectangle

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



63.1092, 56.4459, 35.5859



51.2292, 56.4459, 29.8950



45.1869, 56.4459, 97.5594



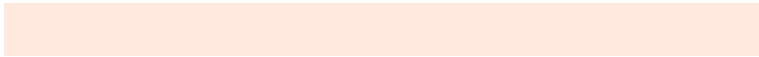
56.1461, 56.4459, 109.8423

Sweetspot

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



63.1106, 56.4486, 35.5870



83.2826, 84.2817, 80.8804



65.1360, 47.7626, 75.5277



17.4352, 17.5122, 16.3988



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.



63.1106, 56.4486, 35.5870



58.8909, 50.3803, 26.8704



75.8945, 82.0164, 39.8483



18.4663, 18.9009, 18.8193



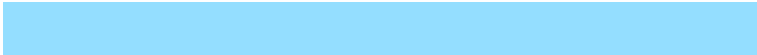
23.1124, 14.2361, 1.5297



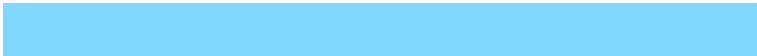
2.3424, 1.5702, 0.1796

Inverse Universe

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



56.3829, 65.7558, 104.3281



51.3487, 60.7137, 103.6203



44.5257, 42.0415, 100.3757



18.0544, 19.4803, 23.0585



17.7176, 20.3447, 52.4277



1.8222, 2.1751, 5.1371

Previews

White Background



This preview shows how the XYZ color 63.1092, 56.4459, 35.5859 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 63.1092, 56.4459, 35.5859 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 63.1092, 56.4459, 35.5859

Background



This preview shows how black text looks on a background with the XYZ color 63.1092, 56.4459, 35.5859.



This preview shows how white text looks on a background with the XYZ color 63.1092, 56.4459,

35.5859.

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

63.1092, 56.4459, 35.5859

Protanopia

53.0588, 56.6374, 39.5881

Deuteranopia

57.5334, 56.3947, 35.0470



Tritanopia

66.1474, 56.3784, 55.5399

Trichromacy



Original Color

63.1092, 56.4459, 35.5859

Protanomaly

56.2780, 56.3301, 38.0436

Deuteranomaly

59.6547, 56.5245, 35.3699

Tritanomaly

64.8004, 56.1568, 47.4684

Monochromacy



Original Color

63.1092, 56.4459, 35.5859

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.3013, 56.0546, 51.0322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1092, 56.4459, 35.5859 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, 181, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 148)  
}
```

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, 181, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 148) }
```

Border

The CSS property to change the border of an element to XYZ 63.1092, 56.4459, 35.5859 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, 181, 148) }
```


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

```
.border{ border-color:rgb(255, 181, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1092, 56.4459, 35.5859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 148) }
```

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

```
.background{ background-color: rgb(255,  
181, 148) }
```

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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