

Converting Colors

XYZ(95.1772, 74.1653, 41.4024)

Have a look what the booklet for
XYZ(95.1772, 74.1653, 41.4024)
contains.

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Color

**XYZ(64.6748, 58.3922,
39.7604)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB99D
RGB	255, 185, 157
RGB Percent	100%, 73%, 62%
CMY	0.0000, 0.2745, 0.3843
CMYK	0.00, 0.27, 0.38, 0.00
HSL	17°, 100%, 81%
HSV	17°, 38%, 100%
XYZ	64.6748, 58.3922, 39.7604
YIQ	202.7380, 50.7080, 6.1320

Conversions

Conversions Part 2

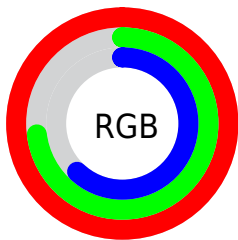
Format	Color
RYB	255, 196, 157
Decimal	16759197
CIELab	80.96, 21.86, 24.21
CIELCh	81, 32.624, 47.917
Yxy	58.3922, 0.3972, 0.3586
Android (android.graphics.Color)	4294949277 (0xFFFFB99D)
YUV	202.7380, -22.5488, 45.8338
Hunter-Lab	76.4148, 17.3503, 22.6404

Details

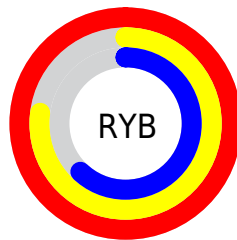
The XYZ color **64.6748, 58.3922, 39.7604** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.4227, 69.3238, 104.8567**, and the grayscale version is **56.7163, 59.6700, 64.9806**.

A 20% lighter version of the original color is **84.5790, 88.9241, 74.9936**, and **33.6177, 29.2789, 17.5152** is the 20% darker color. If you saturate the color by 10%, you get **59.1517, 50.4741, 28.2763**, and if you desaturate by 10%, it is **71.1432, 67.4737, 53.8023**.

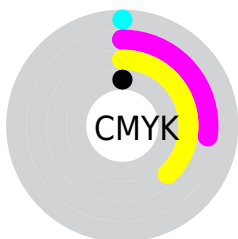
Distribution



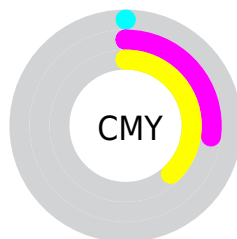
- Red (100%)
- Green (73%)
- Blue (62%)



- Red (100%)
- Yellow (77%)
- Blue (62%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6748, 58.3922, 39.7604 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 64.6748, 58.3922, 39.7604 by changing the saturation by 10% instead.


 64.6748, 58.3922,
39.7604


 64.6748, 58.3922,
39.7604


431.1861,
418.6458, 360.6347

 47.4612, 42.1240,
27.0394


 110.6505,
102.4938, 76.0316

 33.6098, 29.1984,
17.3701


 140.1433,
131.0960, 100.4189

 22.7555, 19.2310,
10.3340


174.4598,
164.5783, 129.5321

 14.5328, 11.8373,
5.5125

213.9654,
203.3252, 163.7897

 8.5763, 6.6330,
2.4870

259.0255,
247.7209, 203.6102

 4.5208, 3.2337,
0.8333

310.0054,

 2.0008, 1.2549,

298.1500, 249.4121

0.0000

367.2705,
354.9969, 301.6141

0.6344, 0.1059,
0.0000

0.0000, 0.0000,
0.0000

64.6748, 58.3922,
39.7604

64.6748, 58.3922,
39.7604

59.1517, 50.4741,
28.2763

71.1432, 67.4737,
53.8023

54.5228, 43.6630,
19.1903

78.5961, 77.7556,
70.5414

50.7382, 37.9099,
12.3301

87.0755, 89.2834,
90.1111

47.7409, 33.1584,
7.4986

95.0500, 100.0000,
108.9000

■ 45.4656, 29.3463,
4.4633

■ 43.8277, 26.4004,
2.9007

■ 43.6141, 26.0081,
2.7214

Harmonies

Analogous

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



68.8087, 58.3922, 52.8010



64.6748, 58.3922, 39.7604



58.2654, 58.3922, 33.6839

Triad

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



64.6748, 58.3922, 39.7604



43.7358, 58.3922, 56.1013



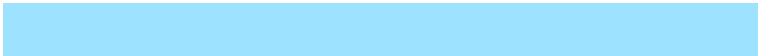
59.5955, 58.3922, 105.9825

Complementary

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



64.6748, 58.3922, 39.7604



59.4227, 69.3238, 104.8567

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.



52.8236, 58.3922, 107.3673



64.6748, 58.3922, 39.7604



44.0286, 58.3922, 75.7325

Square

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



64.6748, 58.3922, 39.7604



46.4015, 58.3922, 41.7522



47.2368, 58.3922, 95.4012



65.7164, 58.3922, 91.9324

Rectangle

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



64.6748, 58.3922, 39.7604



53.7288, 58.3922, 33.3773



47.2368, 58.3922, 95.4012



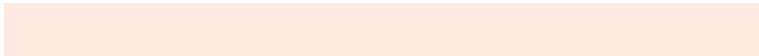
57.3097, 58.3922, 108.0349

Sweetspot

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



64.6762, 58.3950, 39.7616



83.9287, 85.0232, 82.7934



67.1947, 50.9335, 79.1319



17.7249, 17.8734, 17.1679



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.



64.6762, 58.3950, 39.7616



60.4104, 52.2955, 30.8411



76.6825, 82.4074, 43.7636



18.4321, 18.8323, 18.8079



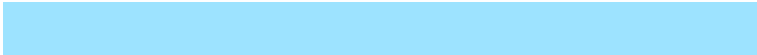
22.8986, 13.8083, 1.4584



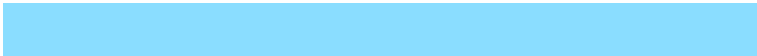
2.3180, 1.5213, 0.1715

Inverse Universe

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



59.4227, 69.3238, 104.8567



54.4649, 64.5642, 104.1993



47.9221, 46.3225, 101.0231



18.0905, 19.5526, 23.0705



18.3200, 21.5495, 52.6285



1.8771, 2.2850, 5.1554

Previews

White Background



This preview shows how the XYZ color 64.6748, 58.3922, 39.7604 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 64.6748, 58.3922, 39.7604 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 64.6748, 58.3922, 39.7604

Background



This preview shows how black text looks on a background with the XYZ color 64.6748, 58.3922, 39.7604.



This preview shows how white text looks on a background with the XYZ color 64.6748, 58.3922,

39.7604.

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

64.6748, 58.3922, 39.7604

Protanopia

55.0281, 58.5998, 43.5326

Deuteranopia

59.5784, 58.3394, 39.1308



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

64.6748, 58.3922, 39.7604

Protanomaly

57.9430, 58.0974, 41.8782

Deuteranomaly

61.3764, 58.2819, 39.4671

Tritanomaly

66.3084, 58.0521, 51.4264

Monochromacy



Original Color

64.6748, 58.3922, 39.7604

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.7271, 58.5546, 54.6613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6748, 58.3922, 39.7604 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, 185, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 157)  
}
```

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, 185, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 157) }
```

Border

The CSS property to change the border of an element to XYZ 64.6748, 58.3922, 39.7604 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, 185, 157) }
```


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

```
.border{ border-color:rgb(255, 185, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6748, 58.3922, 39.7604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 157) }
```

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

```
.background{ background-color: rgb(255,  
185, 157) }
```

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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