

Converting Colors

XYZ(95.8944, 76.1734, 41.4213)

Have a look what the booklet for
XYZ(95.8944, 76.1734, 41.4213)
contains.

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Color

**XYZ(65.7393, 60.5212,
40.1152)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE9D
RGB	255, 190, 157
RGB Percent	100%, 75%, 62%
CMY	0.0000, 0.2549, 0.3843
CMYK	0.00, 0.25, 0.38, 0.00
HSL	20°, 100%, 81%
HSV	20°, 38%, 100%
XYZ	65.7393, 60.5212, 40.1152
YIQ	205.6730, 49.3330, 3.5170

Conversions

Conversions Part 2

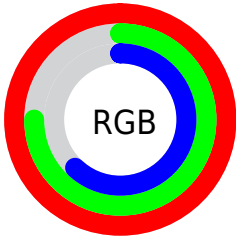
Format	Color
RYB	255, 207, 157
Decimal	16760477
CIELab	82.12, 19.25, 25.80
CIELCh	82, 32.185, 53.275
Yxy	60.5212, 0.3951, 0.3638
Android (android.graphics.Color)	4294950557 (0xFFFFBE9D)
YUV	205.6730, -23.9958, 43.2598
Hunter-Lab	77.7954, 14.6957, 23.8839

Details

The XYZ color **65.7393, 60.5212, 40.1152** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.0749, 66.6283, 104.4074**, and the grayscale version is **58.5849, 61.6358, 67.1214**.

A 20% lighter version of the original color is **86.0794, 91.9250, 75.4938**, and **34.1189, 30.3640, 17.4272** is the 20% darker color. If you saturate the color by 10%, you get **60.3325, 52.8357, 28.6699**, and if you desaturate by 10%, it is **72.0285, 69.2442, 54.0974**.

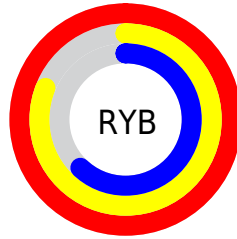
Distribution



Red (100%)

Green (75%)

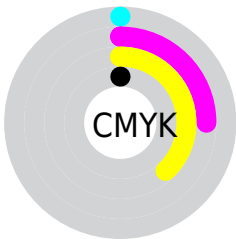
Blue (62%)



Red (100%)

Yellow (81%)

Blue (62%)

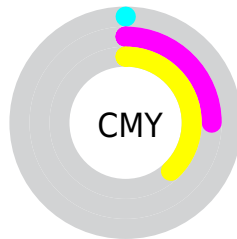


Cyan (0%)

Magenta (25%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7393, 60.5212, 40.1152 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 65.7393, 60.5212, 40.1152 by changing the saturation by 10% instead.


 65.7393, 60.5212,
40.1152


 65.7393, 60.5212,
40.1152


434.9473,
426.5162, 362.1754

 48.3277, 43.8389,
27.3139


 112.1719,
105.5854, 76.5779

 34.2988, 30.5439,
17.5746


 141.9236,
134.7360, 101.0764

 23.2872, 20.2518,
10.4787


176.5194,
168.8115, 130.3111

 14.9276, 12.5782,
5.6078

216.3247,
208.1963, 164.7004

 8.8546, 7.1387,
2.5432

261.7047,
253.2748, 204.6629

 4.7028, 3.5490,
0.8629

313.0250,

 2.1069, 1.4246,

304.4313, 250.6173

0.0000

370.6507,
362.0504, 302.9819

■ 0.6930, 0.2348,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7393, 60.5212,
40.1152

■ 65.7393, 60.5212,
40.1152

■ 60.3325, 52.8357,
28.6699

■ 72.0285, 69.2442,
54.0974

■ 55.7607, 46.1389,
19.6029

■ 79.2354, 79.0342,
70.7545

■ 51.9785, 40.3904,
12.7435

■ 87.3987, 89.9299,
90.2188

■ 48.9333, 35.5432,
7.8961

95.0500, 100.0000,
108.9000

■ 46.5653, 31.5457,
4.8298

■ 44.7957, 28.3364,
3.2234

■ 44.5583, 27.8966,
3.0361

Harmonies

Analogous

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



70.4503, 60.5212, 52.1251



65.7393, 60.5212, 40.1152



59.0753, 60.5212, 35.1584

Triad

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



65.7393, 60.5212, 40.1152



45.4423, 60.5212, 61.5902



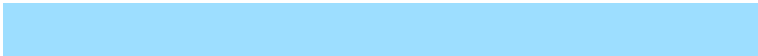
62.8703, 60.5212, 106.8368

Complementary

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



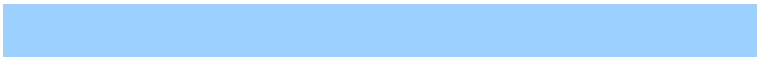
65.7393, 60.5212, 40.1152



58.0749, 66.6283, 104.4074

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.



55.9993, 60.5212, 110.7505



65.7393, 60.5212, 40.1152



46.2835, 60.5212, 81.9038

Square

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



65.7393, 60.5212, 40.1152



47.6267, 60.5212, 45.8686



50.0226, 60.5212, 100.8728



68.7045, 60.5212, 91.0431

Rectangle

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



65.7393, 60.5212, 40.1152



54.5605, 60.5212, 35.6515



50.0226, 60.5212, 100.8728



60.5921, 60.5212, 109.6991

Sweetspot

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



65.7408, 60.5241, 40.1164



84.3730, 85.9119, 82.9415



66.5269, 50.6663, 75.6153



17.8290, 18.0816, 17.2025



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.



65.7408, 60.5241, 40.1164



61.5685, 54.6118, 31.2272



78.0950, 85.2325, 44.2345



18.5093, 18.9867, 18.8336



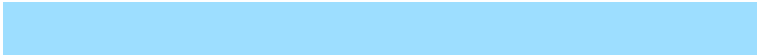
23.4054, 14.8221, 1.6274



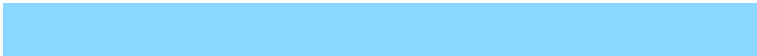
2.3750, 1.6354, 0.1905

Inverse Universe

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



58.0749, 66.6283, 104.4074



52.9083, 61.4509, 103.6804



46.9628, 44.4039, 100.7033



18.0094, 19.3904, 23.0435



17.0001, 18.9098, 52.1885



1.7562, 2.0432, 5.1151

Previews

White Background



This preview shows how the XYZ color 65.7393, 60.5212, 40.1152 looks on a white background.

Color Contrast Check

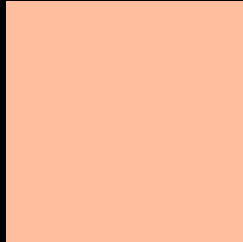
Large Text (above 18pt) WCAG AA × Fail

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 65.7393, 60.5212, 40.1152 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 65.7393, 60.5212, 40.1152

Background



This preview shows how black text looks on a background with the XYZ color 65.7393, 60.5212, 40.1152.



This preview shows how white text looks on a background with the XYZ color 65.7393, 60.5212,

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

65.7393, 60.5212, 40.1152

Protanopia

56.9090, 60.6178, 43.8229

Deuteranopia

62.0163, 60.5809, 39.8772



Tritanopia

69.1077, 60.5013, 62.0684

Trichromacy



Original Color

65.7393, 60.5212, 40.1152

Protanomaly

59.8114, 60.4090, 42.2259

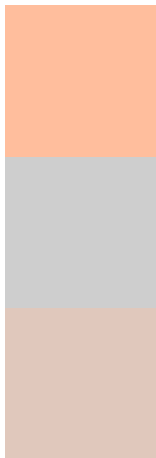
Deuteranomaly

63.2986, 60.5767, 39.8088

Tritanomaly

67.6621, 60.2613, 53.4128

Monochromacy



Original Color

65.7393, 60.5212, 40.1152

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.4718, 60.7867, 56.1227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7393, 60.5212, 40.1152 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, 190, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 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, 190, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 157) }
```

Border

The CSS property to change the border of an element to XYZ 65.7393, 60.5212, 40.1152 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, 190, 157) }
```


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

```
.border{ border-color:rgb(255, 190, 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, 190, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7393, 60.5212, 40.1152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 157) }
```

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

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