

Converting Colors

XYZ(65.5366, 60.2982, 39.4101)

Have a look what the booklet for
XYZ(65.5366, 60.2982, 39.4101)
contains.

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Color

**XYZ(65.5699, 60.4535,
39.2231)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE9B
RGB	255, 190, 155
RGB Percent	100%, 75%, 61%
CMY	0.0000, 0.2549, 0.3922
CMYK	0.00, 0.25, 0.39, 0.00
HSL	21°, 100%, 80%
HSV	21°, 39%, 100%
XYZ	65.5699, 60.4535, 39.2231
YIQ	205.4450, 49.9750, 2.8950

Conversions

Conversions Part 2

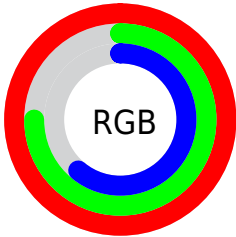
Format	Color
R_{YB}	255, 209, 155
Decimal	16760475
CIE _{Lab}	82.08, 19.02, 26.80
CIE _{LCh}	82, 32.869, 54.636
Yxy	60.4535, 0.3968, 0.3658
Android (android.graphics.Color)	4294950555 (0xFFFFBE9B)
YUV	205.4450, -24.8694, 43.4597
Hunter-Lab	77.7518, 14.4674, 24.5166

Details

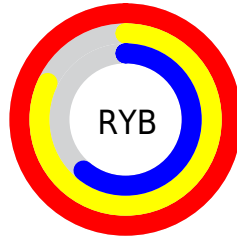
The XYZ color **65.5699, 60.4535, 39.2231** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.1598, 65.3725, 104.2133**, and the grayscale version is **58.4444, 61.4880, 66.9604**.

A 20% lighter version of the original color is **85.8286, 91.8247, 74.1730**, and **34.0678, 30.3436, 17.1580** is the 20% darker color. If you saturate the color by 10%, you get **60.2626, 52.9118, 27.9809**, and if you desaturate by 10%, it is **71.7407, 68.9983, 52.9853**.

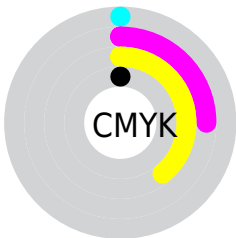
Distribution



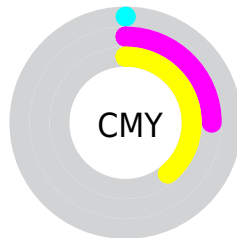
- Red (100%)
- Green (75%)
- Blue (61%)



- Red (100%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5699, 60.4535, 39.2231 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 65.5699, 60.4535, 39.2231 by changing the saturation by 10% instead.


 65.5699, 60.4535,
39.2231


 65.5699, 60.4535,
39.2231


434.3500,
426.2673, 358.2923

 48.1898, 43.7843,
26.6242


 111.9300,
105.4872, 75.2031

 34.1891, 30.5009,
17.0612


 141.6406,
134.6206, 99.4213

 23.2025, 20.2191,
10.1157


176.1921,
168.6773, 128.3496

 14.8646, 12.5544,
5.3692

215.9498,
208.0420, 162.4066

 8.8101, 7.1225,
2.4029

261.2791,
253.0990, 202.0108

 4.6736, 3.5388,
0.7880

312.5453,

 2.0898, 1.4191,

304.2326, 247.5808

0.0000

370.1139,
361.8272, 299.5351

■ 0.6837, 0.2307,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.5699, 60.4535,
39.2231

■ 65.5699, 60.4535,
39.2231

■ 60.2626, 52.9118,
27.9809

■ 71.7407, 68.9983,
52.9853

■ 55.7720, 46.3259,
19.0994

■ 78.8095, 78.5739,
69.4061

■ 52.0531, 40.6571,
12.4065

■ 86.8146, 89.2177,
88.6184

■ 49.0543, 35.8603,
7.7046

95.0500, 100.0000,
108.9000

■ 46.7159, 31.8858,
4.7600

■ 44.9550, 28.6724,
3.2224

■ 44.8344, 28.4488,
3.1281

Harmonies

Analogous

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



70.5220, 60.4535, 51.0857



65.5699, 60.4535, 39.2231



58.7212, 60.4535, 34.5283

Triad

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



65.5699, 60.4535, 39.2231



45.1225, 60.4535, 62.3004



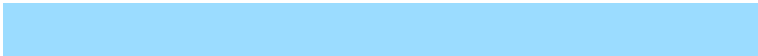
63.2287, 60.4535, 107.2375

Complementary

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



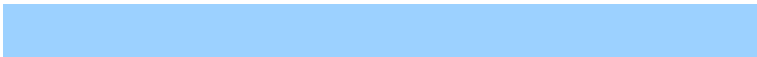
65.5699, 60.4535, 39.2231



57.1598, 65.3725, 104.2133

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.



56.2155, 60.4535, 111.9082



65.5699, 60.4535, 39.2231



46.1181, 60.4535, 83.1540

Square

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



65.5699, 60.4535, 39.2231



47.2087, 60.4535, 46.0150



50.0466, 60.4535, 102.3460



69.0956, 60.4535, 90.6299

Rectangle

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



65.5699, 60.4535, 39.2231



54.1391, 60.4535, 35.2338



50.0466, 60.4535, 102.3460



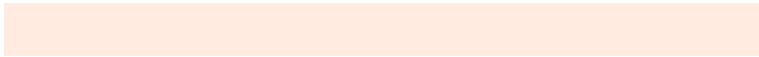
60.9124, 60.4535, 110.3805

Sweetspot

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



65.5714, 60.4564, 39.2243



84.4892, 86.1442, 82.9802



65.8799, 49.8706, 73.8643



17.8562, 18.1361, 17.2116



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.



65.5714, 60.4564, 39.2243



61.3665, 54.4989, 30.2621



78.3167, 85.9469, 43.4727



18.5294, 19.0270, 18.8403



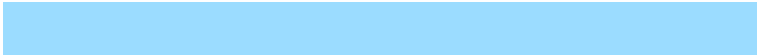
23.5529, 15.1170, 1.6765



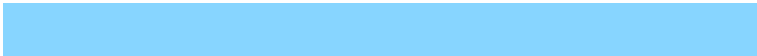
2.3911, 1.6676, 0.1959

Inverse Universe

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



57.1598, 65.3725, 104.2133



51.8716, 59.9949, 103.4540



45.9428, 42.9387, 100.4743



17.9884, 19.3483, 23.0365



16.6771, 18.2637, 52.0809



1.7263, 1.9834, 5.1051

Previews

White Background



This preview shows how the XYZ color 65.5699, 60.4535, 39.2231 looks on a white background.

Color Contrast Check

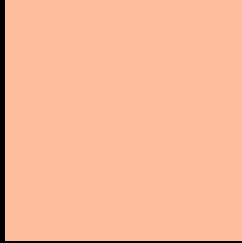
Large Text (above 18pt) WCAG AA × Fail

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 65.5699, 60.4535, 39.2231 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 65.5699, 60.4535, 39.2231

Background



This preview shows how black text looks on a background with the XYZ color 65.5699, 60.4535, 39.2231.



This preview shows how white text looks on a background with the XYZ color 65.5699, 60.4535,

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

65.5699, 60.4535, 39.2231

Protanopia

56.9393, 60.6644, 42.4266

Deuteranopia

61.8483, 60.5137, 38.9924



Tritanopia

69.1077, 60.5013, 62.0684

Trichromacy



Original Color

65.5699, 60.4535, 39.2231

Protanomaly

59.6364, 60.3390, 41.3043

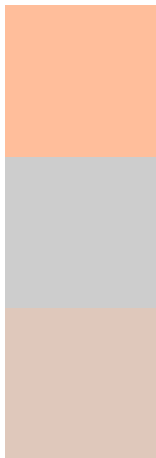
Deuteranomaly

63.1306, 60.5095, 38.9240

Tritanomaly

67.5576, 60.2195, 52.8626

Monochromacy



Original Color

65.5699, 60.4535, 39.2231

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.0553, 60.5844, 55.5424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5699, 60.4535, 39.2231 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 155) }
```

Border

The CSS property to change the border of an element to XYZ 65.5699, 60.4535, 39.2231 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, 155) }
```


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

```
.border{ border-color:rgb(255, 190, 155) }
```

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, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5699, 60.4535, 39.2231 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, 155) }
```

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

```
.background{ background-color: rgb(255,  
190, 155) }
```

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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