

Converting Colors

XYZ(115.1840, 85.7071,
41.4781)

Have a look what the booklet for
XYZ(115.1840, 85.7071, 41.4781)
contains.

XYZ(65.3540, 60.0217, 39.1512)	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(65.3540, 60.0217,
39.1512)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD9B
RGB	255, 189, 155
RGB Percent	100%, 74%, 61%
CMY	0.0000, 0.2588, 0.3922
CMYK	0.00, 0.26, 0.39, 0.00
HSL	20°, 100%, 80%
HSV	20°, 39%, 100%
XYZ	65.3540, 60.0217, 39.1512
YIQ	204.8580, 50.2500, 3.4180

Conversions

Conversions Part 2

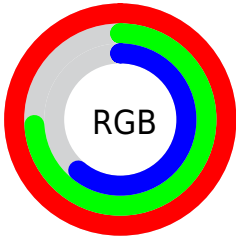
Format	Color
R _Y B	255, 207, 155
Decimal	16760219
CIE Lab	81.85, 19.55, 26.49
CIE LCh	82, 32.919, 53.574
Yxy	60.0217, 0.3972, 0.3648
Android (android.graphics.Color)	4294950299 (0xFFFFBD9B)
YUV	204.8580, -24.5800, 43.9745
Hunter-Lab	77.4737, 14.9972, 24.2695

Details

The XYZ color **65.3540, 60.0217, 39.1512** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.4231, 65.8992, 104.3010**, and the grayscale version is **58.0683, 61.0924, 66.5296**.

A 20% lighter version of the original color is **85.5253, 91.2180, 74.0719**, and **33.9276, 30.0632, 17.1113** is the 20% darker color. If you saturate the color by 10%, you get **60.0223, 52.4311, 27.9009**, and if you desaturate by 10%, it is **71.5611, 68.6390, 52.9255**.

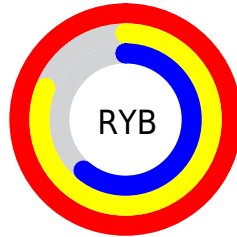
Distribution



Red (100%)

Green (74%)

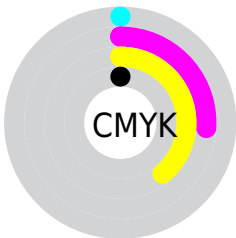
Blue (61%)



Red (100%)

Yellow (81%)

Blue (61%)

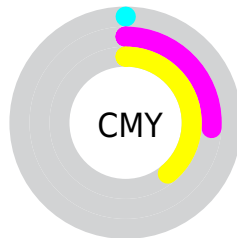


Cyan (0%)

Magenta (26%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3540, 60.0217, 39.1512 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 65.3540, 60.0217, 39.1512 by changing the saturation by 10% instead.


 65.3540, 60.0217,
39.1512

 65.3540, 60.0217,
39.1512


433.5881,
424.6778, 357.9780

 48.0139, 43.4361,
26.5686


 111.6215,
104.8611, 75.0921

 34.0492, 30.2275,
17.0200


 141.2797,
133.8838, 99.2876

 23.0945, 20.0113,
10.0866

175.7747,
167.8210, 128.1911

 14.7844, 12.4033,
5.3501

215.4717,
207.0570, 162.2211

 8.7535, 7.0189,
2.3918

260.7362,
251.9763, 201.7963

 4.6366, 3.4739,
0.7820

311.9336,

 2.0682, 1.3839,

302.9632, 247.3352

0.0000

369.4291,
360.4023, 299.2562

■ 0.6718, 0.2048,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3540, 60.0217,
39.1512

■ 65.3540, 60.0217,
39.1512

■ 60.0223, 52.4311,
27.9009

■ 71.5611, 68.6390,
52.9255

■ 55.5183, 45.8186,
19.0149

■ 78.6787, 78.3121,
69.3626

■ 51.7965, 40.1439,
12.3210

■ 86.7456, 89.0796,
88.5955

■ 48.8044, 35.3606,
7.6214

95.0500, 100.0000,
108.9000

■ 46.4813, 31.4168,
4.6818

■ 44.7435, 28.2495,
3.1519

■ 44.6250, 28.0301,
3.0583

Harmonies

Analogous

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



70.1889, 60.0217, 51.2163



65.3540, 60.0217, 39.1512



58.5570, 60.0217, 34.2321

Triad

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



65.3540, 60.0217, 39.1512



44.7775, 60.0217, 61.1645



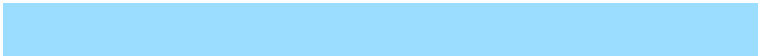
62.5596, 60.0217, 107.0623

Complementary

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



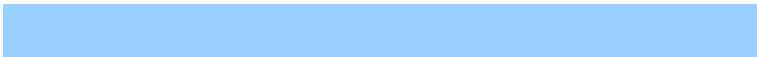
65.3540, 60.0217, 39.1512



57.4231, 65.8992, 104.3010

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.



55.5668, 60.0217, 111.2177



65.3540, 60.0217, 39.1512



45.6604, 60.0217, 81.8785

Square

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



65.3540, 60.0217, 39.1512



46.9614, 60.0217, 45.1674



49.4789, 60.0217, 101.2215



68.4862, 60.0217, 90.8034

Rectangle

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



65.3540, 60.0217, 39.1512



53.9708, 60.0217, 34.7730



49.4789, 60.0217, 101.2215



60.2417, 60.0217, 110.0413

Sweetspot

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



65.3555, 60.0246, 39.1524



84.4016, 85.9690, 82.9510



66.1019, 49.9594, 75.0328



17.8357, 18.0950, 17.2048



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.



65.3555, 60.0246, 39.1524



61.1305, 54.0271, 30.1834



77.8283, 84.9701, 43.3100



18.5142, 18.9966, 18.8352



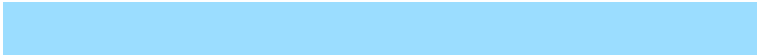
23.4411, 14.8934, 1.6392



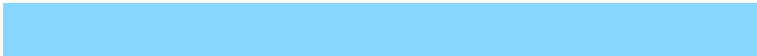
2.3789, 1.6432, 0.1918

Inverse Universe

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



57.4231, 65.8992, 104.3010



52.1744, 60.6004, 103.5549



46.2573, 43.5676, 100.5791



18.0042, 19.3800, 23.0417



16.9199, 18.7493, 52.1618



1.7488, 2.0283, 5.1126

Previews

White Background



This preview shows how the XYZ color 65.3540, 60.0217, 39.1512 looks on a white background.

Color Contrast Check

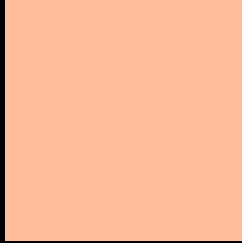
Large Text (above 18pt) WCAG AA × Fail

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 65.3540, 60.0217, 39.1512 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 65.3540, 60.0217, 39.1512

Background



This preview shows how black text looks on a background with the XYZ color 65.3540, 60.0217, 39.1512.



This preview shows how white text looks on a background with the XYZ color 65.3540, 60.0217,

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

65.3540, 60.0217, 39.1512

Protanopia

56.4928, 60.0722, 42.8000

Deuteranopia

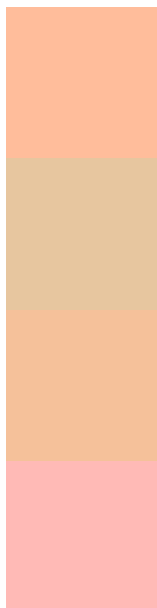
61.2830, 59.8886, 38.9015



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

65.3540, 60.0217, 39.1512

Protanomaly

59.4071, 59.8803, 41.2278

Deuteranomaly

62.5589, 59.8855, 38.8337

Tritanomaly

67.2424, 59.7552, 52.2458

Monochromacy



Original Color

65.3540, 60.0217, 39.1512

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.8245, 60.1227, 55.4655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3540, 60.0217, 39.1512 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, 189, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 155) }
```

Border

The CSS property to change the border of an element to XYZ 65.3540, 60.0217, 39.1512 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, 189, 155) }
```


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

```
.border{ border-color:rgb(255, 189, 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, 189, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3540, 60.0217, 39.1512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 155) }
```

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

```
.background{ background-color: rgb(255,  
189, 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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