

Converting Colors

XYZ(65.6012, 59.9791, 40.8892)

Have a look what the booklet for
XYZ(65.6012, 59.9791, 40.8892)
contains.

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Color

**XYZ(65.6956, 60.1584,
40.9501)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD9F
RGB	255, 189, 159
RGB Percent	100%, 74%, 62%
CMY	0.0000, 0.2588, 0.3765
CMYK	0.00, 0.26, 0.38, 0.00
HSL	19°, 100%, 81%
HSV	19°, 38%, 100%
XYZ	65.6956, 60.1584, 40.9501
YIQ	205.3140, 48.9660, 4.6620

Conversions

Conversions Part 2

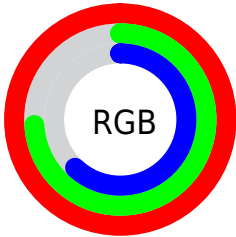
Format	Color
R _Y B	255, 203, 159
Decimal	16760223
CIE Lab	81.92, 19.99, 24.47
CIE LCh	82, 31.600, 50.747
Yxy	60.1584, 0.3938, 0.3607
Android (android.graphics.Color)	4294950303 (0xFFFFBD9F)
YUV	205.3140, -22.8328, 43.5746
Hunter-Lab	77.5618, 15.4579, 22.9901

Details

The XYZ color **65.6956, 60.1584, 40.9501** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.2722, 68.4388, 104.6937**, and the grayscale version is **58.3486, 61.3873, 66.8508**.

A 20% lighter version of the original color is **86.0300, 91.4199, 76.7299**, and **34.0828, 30.1252, 17.9283** is the 20% darker color. If you saturate the color by 10%, you get **60.1615, 52.2736, 29.2914**, and if you desaturate by 10%, it is **72.1451, 69.1431, 55.1671**.

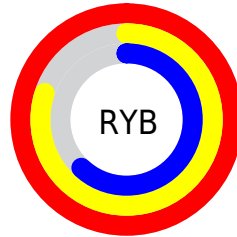
Distribution



Red (100%)

Green (74%)

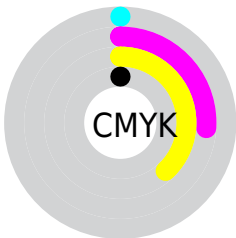
Blue (62%)



Red (100%)

Yellow (80%)

Blue (62%)

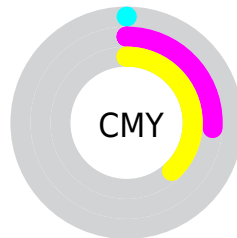


Cyan (0%)

Magenta (26%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6956, 60.1584, 40.9501 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 65.6956, 60.1584, 40.9501 by changing the saturation by 10% instead.


 65.6956, 60.1584,
40.9501


 65.6956, 60.1584,
40.9501


434.7933,
425.1814, 365.7825

 48.2921, 43.5463,
27.9607


 112.1095,
105.0594, 77.8610

 34.2705, 30.3140,
18.0572


 141.8506,
134.1171, 102.6195

 23.2654, 20.0770,
10.8212


176.4350,
168.0922, 132.1382

 14.9113, 12.4511,
5.8341

216.2280,
207.3690, 166.8356

 8.8431, 7.0517,
2.6773

261.5950,
252.3319, 207.1301

 4.6953, 3.4944,
0.9320

312.9013,

 2.1025, 1.3950,

303.3654, 253.4404

0.0000

370.5122,
360.8537, 306.1850

■ 0.6906, 0.2130,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6956, 60.1584,
40.9501

■ 65.6956, 60.1584,
40.9501

■ 60.1615, 52.2736,
29.2914

■ 72.1451, 69.1431,
55.1671

■ 55.4937, 45.4364,
20.0331

■ 79.5465, 79.2601,
72.0800

■ 51.6452, 39.6029,
13.0052

■ 87.9400, 90.5512,
91.8210

■ 48.5620, 34.7223,
8.0137

95.0500, 100.0000,
108.9000

■ 46.1824, 30.7385,
4.8303

■ 44.4298, 27.5871,
3.1555

■ 44.0869, 26.9538,
2.8790

Harmonies

Analogous

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



70.0487, 60.1584, 53.3181



65.6956, 60.1584, 40.9501



59.2686, 60.1584, 35.4944

Triad

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



65.6956, 60.1584, 40.9501



45.4171, 60.1584, 59.7648



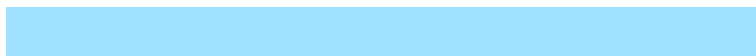
61.8498, 60.1584, 106.2677

Complementary

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



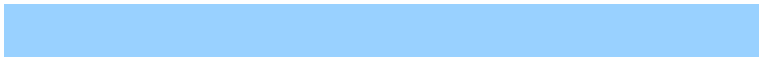
65.6956, 60.1584, 40.9501



59.2722, 68.4388, 104.6937

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.



55.1386, 60.1584, 108.9218



65.6956, 60.1584, 40.9501



45.9905, 60.1584, 79.4142

Square

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



65.6956, 60.1584, 40.9501



47.7995, 60.1584, 44.8777



49.4318, 60.1584, 98.3101



67.7110, 60.1584, 91.6389

Rectangle

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



65.6956, 60.1584, 40.9501



54.8172, 60.1584, 35.6053



49.4318, 60.1584, 98.3101



59.6072, 60.1584, 108.6882

Sweetspot

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



65.6971, 60.1613, 40.9513



85.0123, 86.6315, 84.8778



67.3934, 51.5588, 78.4956



17.9497, 18.2117, 17.5864



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.



65.6971, 60.1613, 40.9513



61.5402, 54.2570, 32.1368



77.4361, 83.6392, 44.8643



18.4725, 18.9133, 18.8213



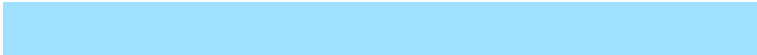
23.1530, 14.3172, 1.5432



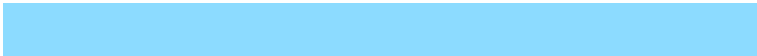
2.3470, 1.5793, 0.1811

Inverse Universe

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



59.2722, 68.4388, 104.6937



54.2739, 63.5502, 104.0136



48.3089, 46.5120, 101.0393



18.0478, 19.4673, 23.0563



17.6116, 20.1327, 52.3924



1.8125, 2.1556, 5.1338

Previews

White Background



This preview shows how the XYZ color 65.6956, 60.1584, 40.9501 looks on a white background.

Color Contrast Check

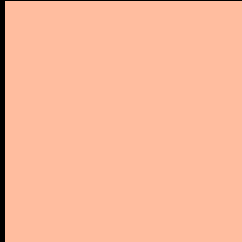
Large Text (above 18pt) WCAG AA × Fail

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 65.6956, 60.1584, 40.9501 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 65.6956, 60.1584, 40.9501

Background



This preview shows how black text looks on a background with the XYZ color 65.6956, 60.1584, 40.9501.



This preview shows how white text looks on a background with the XYZ color 65.6956, 60.1584,

40.9501.

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

65.6956, 60.1584, 40.9501

Protanopia

56.7947, 60.5378, 44.7680

Deuteranopia

61.5081, 60.2992, 40.7448



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

65.6956, 60.1584, 40.9501

Protanomaly

59.6674, 60.3142, 43.1473

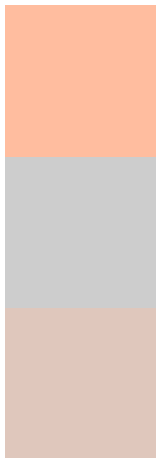
Deuteranomaly

62.8977, 60.0210, 40.6179

Tritanomaly

67.4506, 59.8385, 53.3424

Monochromacy



Original Color

65.6956, 60.1584, 40.9501

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.9319, 60.1657, 56.0313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6956, 60.1584, 40.9501 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 159) }
```

Border

The CSS property to change the border of an element to XYZ 65.6956, 60.1584, 40.9501 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, 159) }
```


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

```
.border{ border-color:rgb(255, 189, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6956, 60.1584, 40.9501 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, 159) }
```

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

```
.background{ background-color: rgb(255,  
189, 159) }
```

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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