

Converting Colors

XYZ(69.9319, 64.6319, 54.6906)

Have a look what the booklet for
XYZ(69.9319, 64.6319, 54.6906)
contains.

XYZ(69.9632, 64.6953, 54.6989)	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(69.9632, 64.6953,
54.6989)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5B9
RGB	255, 197, 185
RGB Percent	100%, 77%, 73%
CMY	0.0000, 0.2274, 0.2745
CMYK	0.00, 0.23, 0.27, 0.00
HSL	10°, 100%, 86%
HSV	10°, 27%, 100%
XYZ	69.9632, 64.6953, 54.6989
YIQ	212.9740, 38.4200, 8.5640

Conversions

Conversions Part 2

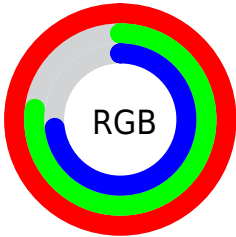
Format	Color
R _Y B	255, 199, 185
Decimal	16762297
CIE Lab	84.33, 19.01, 13.99
CIE LCh	84, 23.603, 36.340
Yxy	64.6953, 0.3695, 0.3417
Android (android.graphics.Color)	4294952377 (0xFFFFC5B9)
YUV	212.9740, -13.7912, 36.8568
Hunter-Lab	80.4334, 14.5058, 15.9831

Details

The XYZ color **69.9632, 64.6953, 54.6989** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1070, 81.6327, 106.6694**, and the grayscale version is **63.3012, 66.5978, 72.5250**.

A 20% lighter version of the original color is **92.5590, 98.4945, 97.3520**, and **37.0133, 33.1812, 26.2836** is the 20% darker color. If you saturate the color by 10%, you get **63.0434, 54.7842, 40.2812**, and if you desaturate by 10%, it is **78.0414, 76.1500, 71.8860**.

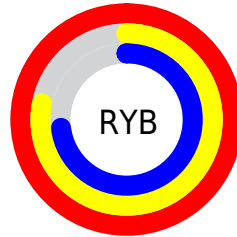
Distribution



Red (100%)

Green (77%)

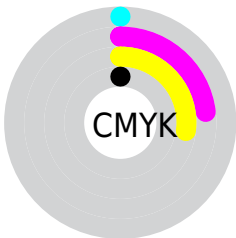
Blue (73%)



Red (100%)

Yellow (78%)

Blue (73%)

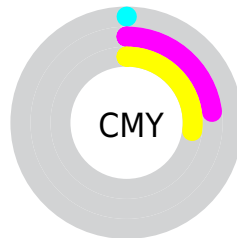


Cyan (0%)

Magenta (23%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.9632, 64.6953, 54.6989 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 69.9632, 64.6953, 54.6989 by changing the saturation by 10% instead.


 69.9632, 64.6953,
54.6989

 69.9632, 64.6953,
54.6989


449.6892,
441.6962, 422.0193

 51.7760, 47.2141,
38.7637


 118.1828,
111.6117, 98.5664

 37.0501, 33.2049,
26.2696

148.9460,
141.8156, 127.3358

 25.4202, 22.2835,
16.7978

184.6319,
177.0292, 161.2203

 16.5208, 14.0653,
9.9300

225.6058,
217.6369, 200.6386

 9.9866, 8.1661,
5.2476

272.2331,
264.0230, 246.0090

 5.4523, 4.2014,
2.3320

324.8792,

 2.5524, 1.7869,

316.5720, 297.7503

0.7491

383.9095,
375.6683, 356.2809

■ 0.9218, 0.4790,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.9632, 64.6953,
54.6989

■ 69.9632, 64.6953,
54.6989

■ 63.0434, 54.7842,
40.2812

■ 78.0414, 76.1500,
71.8860

■ 57.2235, 46.3418,
28.4837

■ 87.3231, 89.2014,
91.9732

■ 52.4471, 39.3005,
19.1492

95.0500, 100.0000,
108.9000

■ 48.6508, 33.5835,
12.1020

■ 45.7641, 29.1065,
7.1429

■ 43.7063, 25.7755,
4.0382

■ 42.3789, 23.4809,
2.4853

■ 42.1308, 23.0416,
2.2269

Harmonies

Analogous

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



72.0507, 64.6953, 67.3054



69.9632, 64.6953, 54.6989



65.6207, 64.6953, 47.1935

Triad

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



69.9632, 64.6953, 54.6989



52.7219, 64.6953, 59.4924



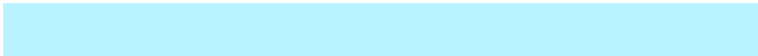
62.6096, 64.6953, 103.1643

Complementary

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



69.9632, 64.6953, 54.6989



70.1070, 81.6327, 106.6694

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.



57.5382, 64.6953, 100.2931



69.9632, 64.6953, 54.6989



52.0169, 64.6953, 73.6750

Square

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



69.9632, 64.6953, 54.6989



55.7153, 64.6953, 49.6740



53.7318, 64.6953, 88.9489



67.6526, 64.6953, 96.3165

Rectangle

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



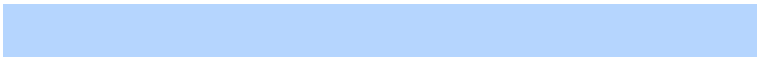
69.9632, 64.6953, 54.6989



62.1358, 64.6953, 45.4058



53.7318, 64.6953, 88.9489



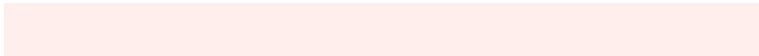
60.8505, 64.6953, 103.3161

Sweetspot

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



69.9648, 64.6983, 54.7002



86.7809, 88.4416, 90.7917



74.8174, 62.4498, 93.1691



18.2611, 18.4904, 18.7509



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.



69.9648, 64.6983, 54.7002



65.9844, 59.0106, 46.3656



78.7601, 82.2889, 57.6320



18.2611, 18.4904, 18.7509



22.0871, 12.1854, 1.1879



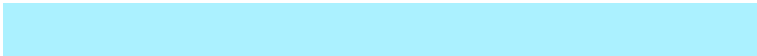
2.2170, 1.3194, 0.1378

Inverse Universe

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



70.1070, 81.6327, 106.6694



66.1395, 78.5163, 106.2770



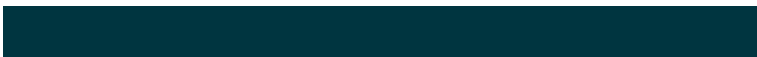
60.6954, 62.8094, 103.5322



18.2742, 19.9200, 23.1317



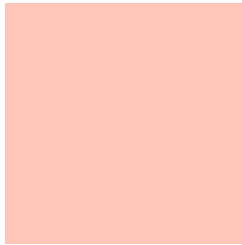
21.7353, 28.3802, 53.7669



2.1831, 2.8969, 5.2574

Previews

White Background



This preview shows how the XYZ color 69.9632, 64.6953, 54.6989 looks on a white background.

Color Contrast Check

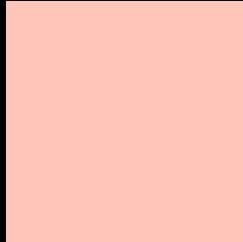
Large Text (above 18pt) WCAG AA × Fail

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 69.9632, 64.6953, 54.6989 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 69.9632, 64.6953, 54.6989

Background



This preview shows how black text looks on a background with the XYZ color 69.9632, 64.6953, 54.6989.



This preview shows how white text looks on a background with the XYZ color 69.9632, 64.6953,

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

69.9632, 64.6953, 54.6989

Protanopia

61.7744, 64.9590, 59.1517

Deuteranopia

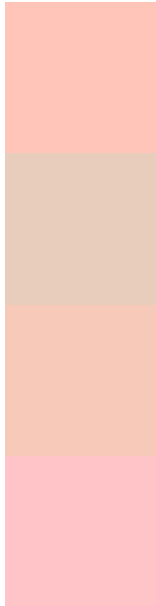
66.2833, 64.8733, 54.3757



Tritanopia

72.2637, 64.8937, 69.0386

Trichromacy



Original Color

69.9632, 64.6953, 54.6989

Protanomaly

64.2953, 64.4926, 57.2037

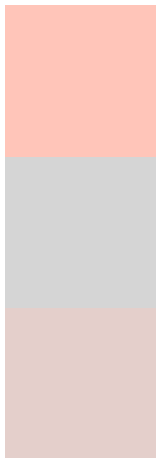
Deuteranomaly

67.5444, 64.8268, 54.3003

Tritanomaly

71.4053, 64.9100, 63.4090

Monochromacy



Original Color

69.9632, 64.6953, 54.6989

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.0872, 65.4314, 65.6990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9632, 64.6953, 54.6989 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, 197, 185)` looks like.

```
.text, #text, p{  
  color:rgb(255, 197, 185)  
}
```

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, 197, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 185) }
```

Border

The CSS property to change the border of an element to XYZ 69.9632, 64.6953, 54.6989 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, 197, 185) }
```


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

```
.border{ border-color:rgb(255, 197, 185) }
```

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

Here you see how a box with a 4 pixel rgb(255, 197, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9632, 64.6953, 54.6989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 185) }
```

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

```
.background{ background-color: rgb(255,  
197, 185) }
```

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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