

Converting Colors

XYZ(66.6550, 59.5071, 49.1934)

Have a look what the booklet for
XYZ(66.6550, 59.5071, 49.1934)
contains.

XYZ(66.6354, 59.5124, 49.0493)	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(66.6354, 59.5124,
49.0493)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAB0
RGB	255, 186, 176
RGB Percent	100%, 73%, 69%
CMY	0.0000, 0.2706, 0.3098
CMYK	0.00, 0.27, 0.31, 0.00
HSL	8°, 100%, 85%
HSV	8°, 31%, 100%
XYZ	66.6354, 59.5124, 49.0493
YIQ	205.4910, 44.3340, 11.5180

Conversions

Conversions Part 2

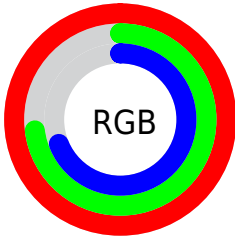
Format	Color
R _Y B	255, 187, 176
Decimal	16759472
CIE Lab	81.57, 23.61, 14.91
CIE LCh	82, 27.924, 32.278
Yxy	59.5124, 0.3803, 0.3397
Android (android.graphics.Color)	4294949552 (0xFFFFBAB0)
YUV	205.4910, -14.5391, 43.4194
Hunter-Lab	77.1443, 19.1816, 16.3037

Details

The XYZ color **66.6354, 59.5124, 49.0493** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.6057, 81.7521, 106.7716**, and the grayscale version is **58.4124, 61.4544, 66.9238**.

A 20% lighter version of the original color is **87.5576, 90.5905, 89.2149**, and **34.9153, 29.8281, 22.9859** is the 20% darker color. If you saturate the color by 10%, you get **60.0137, 49.9347, 35.5416**, and if you desaturate by 10%, it is **74.4652, 70.7476, 65.2990**.

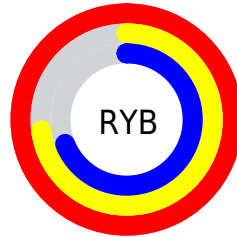
Distribution



Red (100%)

Green (73%)

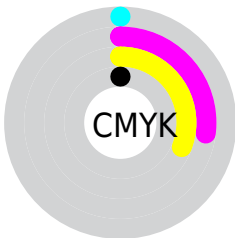
Blue (69%)



Red (100%)

Yellow (73%)

Blue (69%)

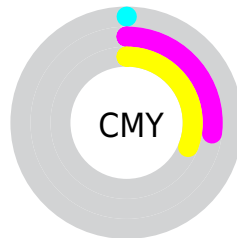


Cyan (0%)

Magenta (27%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6354, 59.5124, 49.0493 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 66.6354, 59.5124, 49.0493 by changing the saturation by 10% instead.

66.6354, 59.5124,
49.0493

66.6354, 59.5124,
49.0493

438.0988,
422.7982, 399.5644

49.0580, 43.0257,
34.2927

113.4505,
104.1220, 90.1464

34.8802, 29.9053,
22.8394

143.4189,
133.0138, 117.3240

23.7367, 19.7667,
14.2708

178.2484,
166.8093, 149.4791

15.2621, 12.2256,
8.1683

218.3042,
205.8931, 187.0300

9.0910, 6.8975,
4.1135

263.9518,
250.6495, 230.3955

4.8582, 3.3981,
1.6878

315.5566,

2.1982, 1.3429,

301.4628, 279.9941

0.3524

373.4838,
358.7176, 336.2442

■ 0.7418, 0.1741,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.6354, 59.5124,
49.0493

■ 66.6354, 59.5124,
49.0493

■ 60.0137, 49.9347,
35.5416

■ 74.4652, 70.7476,
65.2990

■ 54.5354, 41.9280,
24.6211

■ 83.5547, 83.7049,
84.4270

■ 50.1362, 35.4106,
16.1229

■ 93.9581, 98.4558,
106.5644

■ 46.7438, 30.2899,
9.8617

■ 95.0500, 100.0000,
108.9000

■ 44.2766, 26.4629,
5.6251

■ 42.6398, 23.8122,
3.1595

■ 41.7645, 22.3090,
2.1048

Harmonies

Analogous

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



68.5863, 59.5124, 63.5248



66.6354, 59.5124, 49.0493



61.9695, 59.5124, 40.2264

Triad

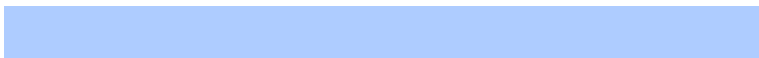
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.6354, 59.5124, 49.0493



47.1657, 59.5124, 50.9176



57.0138, 59.5124, 102.6846

Complementary

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



66.6354, 59.5124, 49.0493



68.6057, 81.7521, 106.7716

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.



51.4837, 59.5124, 97.7656



66.6354, 59.5124, 49.0493



46.0370, 59.5124, 66.0899

Square

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



66.6354, 59.5124, 49.0493



50.7587, 59.5124, 41.1670



47.5636, 59.5124, 83.6035



62.7975, 59.5124, 96.0881

Rectangle

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



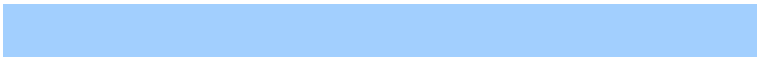
66.6354, 59.5124, 49.0493



58.0922, 59.5124, 37.7947



47.5636, 59.5124, 83.6035



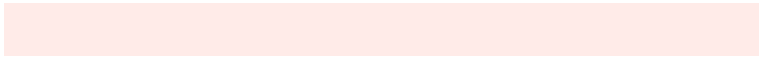
55.0643, 59.5124, 102.3220

Sweetspot

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



66.6369, 59.5152, 49.0505



85.5085, 86.4808, 88.5669



73.3670, 58.9518, 94.5266



17.9939, 18.0723, 18.3033



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.



66.6369, 59.5152, 49.0505



62.5090, 53.5545, 40.5991



75.9254, 78.0923, 52.1467



18.1947, 18.3576, 18.7287



21.8800, 11.7712, 1.1189



2.1858, 1.2569, 0.1274

Inverse Universe

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



68.6057, 81.7521, 106.7716



64.7433, 78.8924, 106.4232



58.0946, 60.7299, 103.2679



18.3470, 20.0657, 23.1560



23.2555, 31.4206, 54.2737



2.3168, 3.1644, 5.3019

Previews

White Background



This preview shows how the XYZ color 66.6354, 59.5124, 49.0493 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 66.6354, 59.5124, 49.0493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

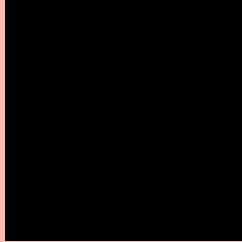
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6354, 59.5124, 49.0493

Background



This preview shows how black text looks on a background with the XYZ color 66.6354, 59.5124, 49.0493.



This preview shows how white text looks on a background with the XYZ color 66.6354, 59.5124,

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

66.6354, 59.5124, 49.0493

Protanopia

56.6362, 59.5506, 53.8568

Deuteranopia

60.7594, 59.4098, 48.3093



Tritanopia

68.4585, 59.5722, 60.7138

Trichromacy



Original Color

66.6354, 59.5124, 49.0493

Protanomaly

59.7590, 59.1469, 51.9829

Deuteranomaly

62.8631, 59.4952, 48.7279

Tritanomaly

67.7743, 59.6320, 56.0822

Monochromacy



Original Color

66.6354, 59.5124, 49.0493

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.3631, 59.9712, 59.4331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6354, 59.5124, 49.0493 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, 186, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 176)  
}
```

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, 186, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 176) }
```

Border

The CSS property to change the border of an element to XYZ 66.6354, 59.5124, 49.0493 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, 186, 176) }
```


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

```
.border{ border-color:rgb(255, 186, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 176); box-shadow:4px 4px 4px 4px rgb(255, 186, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6354, 59.5124, 49.0493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 176) }
```

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

```
.background{ background-color: rgb(255,  
186, 176) }
```

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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