

Converting Colors

XYZ(54.6688, 49.3665, 63.8509)

Have a look what the booklet for
XYZ(54.6688, 49.3665, 63.8509)
contains.

XYZ(54.6504, 49.3835, 63.7783)	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(54.6504, 49.3835,
63.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	D9AECC
RGB	217, 174, 204
RGB Percent	85%, 68%, 80%
CMY	0.1490, 0.3176, 0.2000
CMYK	0.00, 0.20, 0.06, 0.15
HSL	318°, 36%, 77%
HSV	318°, 20%, 85%
XYZ	54.6504, 49.3835, 63.7783
YIQ	190.2770, 15.9980, 18.4460

Conversions

Conversions Part 2

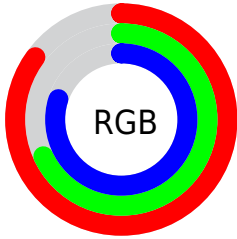
Format	Color
RYB	217, 174, 204
Decimal	14266060
CIELab	75.69, 20.56, -9.26
CIELCh	76, 22.547, 335.763
Yxy	49.3835, 0.3257, 0.2943
Android (android.graphics.Color)	4292456140 (0xFFD9AECC)
YUV	190.2770, 6.7654, 23.4361
Hunter-Lab	70.2734, 15.8379, -4.6187

Details

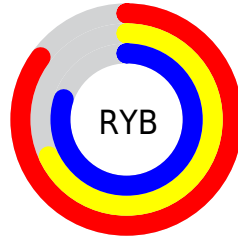
The XYZ color **54.6504, 49.3835, 63.7783** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.2400, 62.2136, 56.3244**, and the grayscale version is **49.0602, 51.6151, 56.2089**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **27.2427, 23.5581, 31.9655** is the 20% darker color. If you saturate the color by 10%, you get **50.0219, 41.3589, 58.4347**, and if you desaturate by 10%, it is **59.9921, 58.7801, 69.5244**.

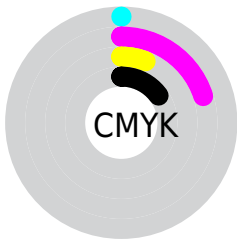
Distribution



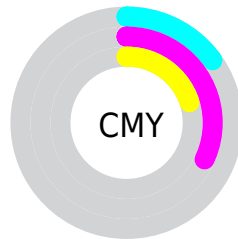
- Red (85%)
- Green (68%)
- Blue (80%)



- Red (85%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6504, 49.3835, 63.7783 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 54.6504, 49.3835, 63.7783 by changing the saturation by 10% instead.

■ 54.6504, 49.3835,
63.7783

■ 54.6504, 49.3835,
63.7783

394.7434,
384.2501, 456.5741

■ 39.3546, 34.9238,
46.0261

■ 96.1799, 89.2608,
111.8880

■ 27.2177, 23.6042,
31.9176

123.1443,
115.4471, 143.0825

■ 17.8742, 15.0403,
21.0343

154.7289,
146.3111, 179.5950

■ 10.9589, 8.8476,
12.9576

191.2992,
182.2372, 221.8438

■ 6.1063, 4.6419,
7.2690

233.2204,
223.6098, 270.2476

■ 2.9511, 2.0387,
3.5499

280.8579,

■ 1.1279, 0.6298,

270.8132, 325.2249

1.3818

334.5771,
324.2318, 387.1942

■ 0.0483, 0.0000,
0.1275

■ 0.0000, 0.0000,
0.0000

■ 54.6504, 49.3835,
63.7783

■ 54.6504, 49.3835,
63.7783

■ 50.0219, 41.3589,
58.4347

■ 59.9921, 58.7801,
69.5244

■ 46.0696, 34.6348,
53.4774

■ 66.0735, 69.6030,
75.6820

■ 42.7592, 29.1429,
48.8937

■ 72.9248, 81.9114,
82.2637

■ 40.0518, 24.8061,
44.6686

■ 78.6930, 91.9988,
88.6538

37.9043, 21.5384,
40.7854

79.6334, 92.3750,
93.6057

36.2673, 19.2420,
37.2257

80.6088, 92.7652,
98.7424

35.0824, 17.8008,
33.9677

81.6197, 93.1695,
104.0657

34.2476, 17.0117,
30.9753

82.4256, 93.4919,
108.3092

34.2332, 16.9989,
30.9213

Harmonies

Analogous

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



51.7908, 49.3835, 74.6825



54.6504, 49.3835, 63.7783



55.3924, 49.3835, 51.4928

Triad

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



54.6504, 49.3835, 63.7783



46.1354, 49.3835, 33.9744



40.7162, 49.3835, 68.3682

Complementary

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



54.6504, 49.3835, 63.7783



51.2400, 62.2136, 56.3244

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.



39.3900, 49.3835, 56.1139



54.6504, 49.3835, 63.7783



42.3974, 49.3835, 37.1789

Square

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



54.6504, 49.3835, 63.7783



50.3131, 49.3835, 35.4015



39.9868, 49.3835, 44.8681



43.7165, 49.3835, 77.5957

Rectangle

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



54.6504, 49.3835, 63.7783



54.5503, 49.3835, 44.3773



39.9868, 49.3835, 44.8681



40.0682, 49.3835, 64.4030

Sweetspot

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



54.6519, 49.3857, 63.7793



89.6259, 90.3293, 103.4618



48.1316, 45.8366, 71.9569



19.0624, 19.1188, 22.0212



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.



54.6519, 49.3857, 63.7793



75.6998, 65.8396, 88.4537



52.2588, 48.4284, 51.1775



13.4380, 13.2043, 15.5675



20.7716, 10.3097, 18.9753



1.3832, 0.6829, 1.4270

Inverse Universe

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



54.6519, 49.3857, 63.7793



75.6998, 65.8396, 88.4537



53.7045, 63.1994, 69.3022



13.4380, 13.2043, 15.5675



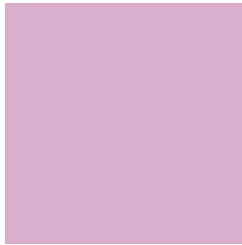
20.7716, 10.3097, 18.9753



1.3832, 0.6829, 1.4270

Previews

White Background



This preview shows how the XYZ color 54.6504, 49.3835, 63.7783 looks on a white background.

Color Contrast Check

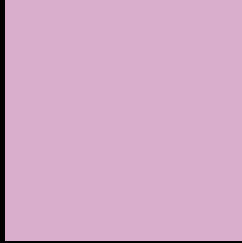
Large Text (above 18pt) WCAG AA × Fail

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 54.6504, 49.3835, 63.7783 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 54.6504, 49.3835, 63.7783

Background



This preview shows how black text looks on a background with the XYZ color 54.6504, 49.3835, 63.7783.



This preview shows how white text looks on a background with the XYZ color 54.6504, 49.3835,

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

54.6504, 49.3835, 63.7783

Protanopia

48.6353, 49.4684, 68.6130

Deuteranopia

50.5921, 49.3653, 63.3619



Tritanopia

52.8439, 49.2154, 55.4296

Trichromacy



Original Color

54.6504, 49.3835, 63.7783

Protanomaly

50.4147, 49.2039, 66.5147

Deuteranomaly

51.8767, 49.1317, 63.2491

Tritanomaly

53.4992, 49.1990, 58.3064

Monochromacy



Original Color

54.6504, 49.3835, 63.7783

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.8102, 50.5005, 58.6993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6504, 49.3835, 63.7783 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(217, 174, 204)` looks like.

```
.text, #text, p{  
    color:rgb(217, 174, 204)  
}
```

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(217, 174, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 174, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.6504, 49.3835, 63.7783 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(217, 174, 204) }
```


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

```
.border{ border-color:rgb(217, 174, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 174, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 174, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 174, 204);  
box-shadow:4px 4px 4px 4px rgb(217, 174,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6504, 49.3835, 63.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 174, 204) }
```

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

```
.background{ background-color: rgb(217,  
174, 204) }
```

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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