

Converting Colors

XYZ(52.8535, 48.8597, 67.0317)

Have a look what the booklet for
XYZ(52.8535, 48.8597, 67.0317)
contains.

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Color

**XYZ(53.0464, 49.0640,
66.9961)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B0D1
RGB	208, 176, 209
RGB Percent	82%, 69%, 82%
CMY	0.1843, 0.3098, 0.1804
CMYK	0.00, 0.16, 0.00, 0.18
HSL	298°, 26%, 75%
HSV	298°, 16%, 82%
XYZ	53.0464, 49.0640, 66.9961
YIQ	189.3300, 8.4790, 17.0470

Conversions

Conversions Part 2

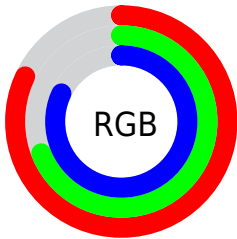
Format	Color
R_{YB}	208, 176, 209
Decimal	13676753
CIE _{Lab}	75.49, 17.31, -12.37
CIE _{LCh}	75, 21.269, 324.453
Yxy	49.0640, 0.3137, 0.2901
Android (android.graphics.Color)	4291866833 (0xFFD0B0D1)
YUV	189.3300, 9.6973, 16.3736
Hunter-Lab	70.0457, 12.6001, -7.6767

Details

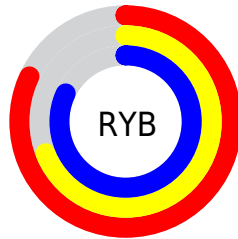
The XYZ color **53.0464, 49.0640, 66.9961** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.7702, 58.0839, 49.7176**, and the grayscale version is **48.5027, 51.0286, 55.5702**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **26.1362, 23.3048, 34.1311** is the 20% darker color. If you saturate the color by 10%, you get **49.0827, 41.3995, 65.7263**, and if you desaturate by 10%, it is **57.6447, 57.9949, 68.4783**.

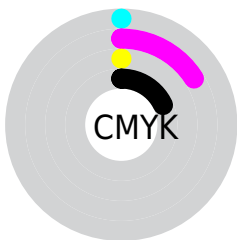
Distribution



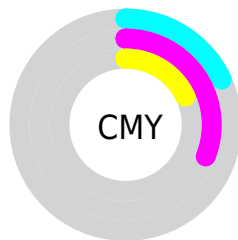
- Red (82%)
- Green (69%)
- Blue (82%)



- Red (82%)
- Yellow (69%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0464, 49.0640, 66.9961 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 53.0464, 49.0640, 66.9961 by changing the saturation by 10% instead.


 53.0464, 49.0640,
66.9961

 53.0464, 49.0640,
66.9961


388.7211,
382.9942, 468.4320

 38.0674, 34.6703,
48.6199


 93.8378, 88.7865,
116.5554

 26.2125, 23.4090,
33.9546


120.3809,
114.8840, 148.5756

 17.1162, 14.8958,
22.5816


151.5094,
145.6516, 185.9808

 10.4132, 8.7463,
14.0825

187.5888,
181.4737, 229.1897

 5.7381, 4.5761,
8.0387

228.9842,
222.7346, 278.6207

 2.7256, 2.0007,
4.0316

276.0612,

 1.0104, 0.6079,

269.8187, 334.6924

1.6427

329.1850,
323.1104, 397.8233

■ 0.0000, 0.0000,
0.3210

■ 0.0000, 0.0000,
0.0000

■ 53.0464, 49.0640,
66.9961

■ 53.0464, 49.0640,
66.9961

■ 49.0827, 41.3995,
65.7263

■ 57.6447, 57.9949,
68.4783

■ 45.7203, 34.9375,
64.6563

■ 62.9000, 68.2396,
70.1788

■ 42.9298, 29.6182,
63.7766

■ 68.8392, 79.8511,
72.1070

■ 40.6773, 25.3739,
63.0761

■ 73.9995, 89.9037,
73.7753

■ 38.9257, 22.1301,
62.5423

■ 74.1808, 89.9972,
73.7838

■ 37.6327, 19.8027,
62.1612

■ 74.3628, 90.0910,
73.7923

■ 36.7494, 18.2937,
61.9165

■ 74.5454, 90.1851,
73.8009

■ 36.2154, 17.4821,
61.7880

■ 74.7289, 90.2797,
73.8095

■ 36.0473, 17.2536,
61.7527

■ 74.9130, 90.3746,
73.8181

Harmonies

Analogous

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



49.8275, 49.0640, 75.6067



53.0464, 49.0640, 66.9961



54.5543, 49.0640, 55.5386

Triad

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



53.0464, 49.0640, 66.9961



47.3671, 49.0640, 34.6715



40.0970, 49.0640, 62.8759

Complementary

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



53.0464, 49.0640, 66.9961



48.7702, 58.0839, 49.7176

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.



39.5197, 49.0640, 51.3605



53.0464, 49.0640, 66.9961



43.5797, 49.0640, 36.0669

Square

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



53.0464, 49.0640, 66.9961



51.1596, 49.0640, 37.6985



40.7601, 49.0640, 41.8182



42.3833, 49.0640, 73.0040

Rectangle

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



53.0464, 49.0640, 66.9961



54.3287, 49.0640, 48.2085



40.7601, 49.0640, 41.8182



39.7022, 49.0640, 58.9992

Sweetspot

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



53.0479, 49.0661, 66.9972



90.9746, 92.0600, 107.5822



45.1571, 45.3198, 66.6899



19.3543, 19.4749, 22.9889



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.



53.0479, 49.0661, 66.9972



80.9560, 72.6106, 104.3561



51.5141, 48.4852, 57.4489



12.2739, 11.9900, 14.9111



22.2413, 10.6461, 38.0751



1.2550, 0.6011, 2.1295

Inverse Universe

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



49.7573, 47.7825, 48.1977



74.8313, 70.2229, 69.2964



50.1547, 58.6115, 58.1928



11.8230, 11.8140, 12.3440



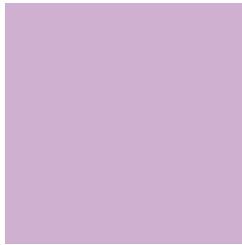
16.2403, 8.3690, 0.9058



0.9133, 0.4700, 0.0781

Previews

White Background



This preview shows how the XYZ color 53.0464, 49.0640, 66.9961 looks on a white background.

Color Contrast Check

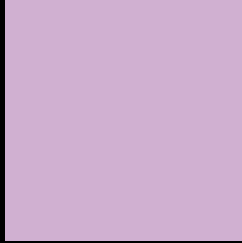
Large Text (above 18pt) WCAG AA × Fail

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 53.0464, 49.0640, 66.9961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

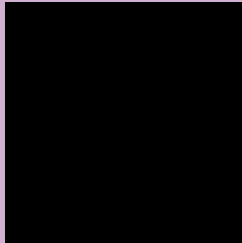
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0464, 49.0640, 66.9961

Background



This preview shows how black text looks on a background with the XYZ color 53.0464, 49.0640, 66.9961.



This preview shows how white text looks on a background with the XYZ color 53.0464, 49.0640,

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

53.0464, 49.0640, 66.9961

Protanopia

48.6708, 49.4280, 71.2653

Deuteranopia

50.1572, 49.0711, 66.5026



Tritanopia

51.1993, 49.2123, 57.2525

Trichromacy



Original Color

53.0464, 49.0640, 66.9961

Protanomaly

50.2240, 49.3364, 69.8266

Deuteranomaly

51.0585, 48.9364, 66.4291

Tritanomaly

51.9613, 49.2297, 60.7965

Monochromacy



Original Color

53.0464, 49.0640, 66.9961

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.8692, 50.0023, 59.2476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0464, 49.0640, 66.9961 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(208, 176, 209)` looks like.

```
.text, #text, p{  
    color:rgb(208, 176, 209)  
}
```

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(208, 176, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 176, 209) }
```

Border

The CSS property to change the border of an element to XYZ 53.0464, 49.0640, 66.9961 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(208, 176, 209) }
```


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

```
.border{ border-color:rgb(208, 176, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 176, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 176, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 176, 209);  
box-shadow:4px 4px 4px 4px rgb(208, 176,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0464, 49.0640, 66.9961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 176, 209) }
```

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

```
.background{ background-color: rgb(208,  
176, 209) }
```

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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