

Converting Colors

XYZ(53.5928, 49.5999, 67.5104)

Have a look what the booklet for
XYZ(53.5928, 49.5999, 67.5104)
contains.

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Color

**XYZ(53.6495, 49.6527,
67.7291)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B1D2
RGB	209, 177, 210
RGB Percent	82%, 69%, 82%
CMY	0.1804, 0.3059, 0.1765
CMYK	0.00, 0.16, 0.00, 0.18
HSL	298°, 27%, 76%
HSV	298°, 16%, 82%
XYZ	53.6495, 49.6527, 67.7291
YIQ	190.3300, 8.4790, 17.0470

Conversions

Conversions Part 2

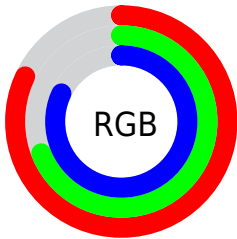
Format	Color
R_{YB}	209, 177, 210
Decimal	13742546
CIE _{Lab}	75.86, 17.29, -12.36
CIE _{LCh}	76, 21.250, 324.449
Yxy	49.6527, 0.3137, 0.2903
Android (android.graphics.Color)	4291932626 (0xFFD1B1D2)
YUV	190.3300, 9.6973, 16.3736
Hunter-Lab	70.4647, 12.5909, -7.6630

Details

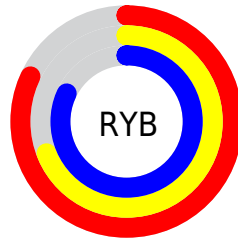
The XYZ color **53.6495, 49.6527, 67.7291** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.3443, 58.7338, 50.3334**, and the grayscale version is **49.0774, 51.6332, 56.2286**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **26.5348, 23.6856, 34.6257** is the 20% darker color. If you saturate the color by 10%, you get **49.6375, 41.8946, 66.4438**, and if you desaturate by 10%, it is **58.3035, 58.6921, 69.2293**.

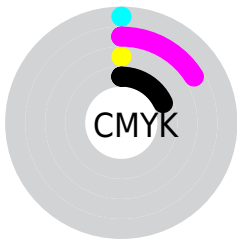
Distribution



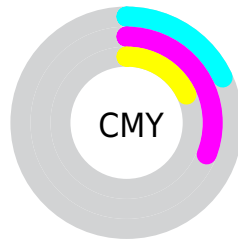
- Red (82%)
- Green (69%)
- Blue (82%)



- 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 53.6495, 49.6527, 67.7291 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 53.6495, 49.6527, 67.7291 by changing the saturation by 10% instead.

■ 53.6495, 49.6527,
67.7291

■ 53.6495, 49.6527,
67.7291

390.9922,
385.3062, 471.1076

■ 38.5511, 35.1375,
49.2121

■ 94.7193, 89.6601,
117.6151

■ 26.5898, 23.7688,
34.4209

121.4214,
115.9211, 149.8211

■ 17.4004, 15.1622,
22.9372

152.7222,
146.8662, 187.4272

■ 10.6174, 8.9333,
14.3423

188.9868,
182.8797, 230.8519

■ 5.8756, 4.6977,
8.2176

230.5808,
224.3460, 280.5137

■ 2.8095, 2.0710,
4.1448

277.8695,

■ 1.0539, 0.6483,

271.6497, 336.8312

1.7051

331.2182,
325.1749, 400.2230

■ 0.0000, 0.0000,
0.3642

■ 0.0000, 0.0000,
0.0000

■ 53.6495, 49.6527,
67.7291

■ 53.6495, 49.6527,
67.7291

■ 49.6375, 41.8946,
66.4438

■ 58.3035, 58.6921,
69.2293

■ 46.2339, 35.3530,
65.3606

■ 63.6222, 69.0607,
70.9503

■ 43.4089, 29.9676,
64.4700

■ 69.6328, 80.8120,
72.9018

■ 41.1283, 25.6699,
63.7606

■ 74.4138, 90.1029,
74.4431

39.3544, 22.3846,
63.2200

74.5971, 90.1974,
74.4517

38.0446, 20.0265,
62.8339

74.7811, 90.2923,
74.4603

37.1496, 18.4969,
62.5858

74.9658, 90.3875,
74.4690

36.6083, 17.6735,
62.4554

75.1512, 90.4831,
74.4776

36.4359, 17.4396,
62.4193

75.3374, 90.5791,
74.4863

Harmonies

Analogous

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



50.4087, 49.6527, 76.3921



53.6495, 49.6527, 67.7291



55.1676, 49.6527, 56.1959

Triad

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



53.6495, 49.6527, 67.7291



47.9323, 49.6527, 35.1673



40.6086, 49.6527, 63.5796

Complementary

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



53.6495, 49.6527, 67.7291



49.3443, 58.7338, 50.3334

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.



40.0272, 49.6527, 51.9855



53.6495, 49.6527, 67.7291



44.1178, 49.6527, 36.5741

Square

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



53.6495, 49.6527, 67.7291



51.7508, 49.6527, 38.2204



41.2772, 49.6527, 42.3718



42.9118, 49.6527, 73.7719

Rectangle

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



53.6495, 49.6527, 67.7291



54.9407, 49.6527, 48.8132



41.2772, 49.6527, 42.3718



40.2109, 49.6527, 59.6771

Sweetspot

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



53.6510, 49.6549, 67.7302



90.9746, 92.0600, 107.5822



45.7067, 45.8833, 67.4209



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.



53.6510, 49.6549, 67.7302



80.9560, 72.6106, 104.3561



52.1072, 49.0701, 58.1197



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.



50.3381, 48.3625, 48.8036



74.8313, 70.2228, 69.2964



50.7386, 59.2651, 58.8687



11.8230, 11.8140, 12.3440



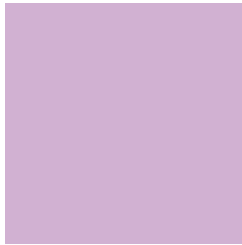
16.2403, 8.3690, 0.9058



0.9133, 0.4700, 0.0781

Previews

White Background



This preview shows how the XYZ color 53.6495, 49.6527, 67.7291 looks on a white background.

Color Contrast Check

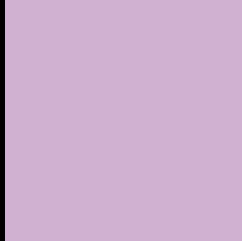
Large Text (above 18pt) WCAG AA × Fail

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 53.6495, 49.6527, 67.7291 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 53.6495, 49.6527, 67.7291

Background



This preview shows how black text looks on a background with the XYZ color 53.6495, 49.6527, 67.7291.



This preview shows how white text looks on a background with the XYZ color 53.6495, 49.6527,

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

53.6495, 49.6527, 67.7291

Protanopia

49.2450, 50.0208, 72.0252

Deuteranopia

50.7422, 49.6614, 67.2328



Tritanopia

51.7910, 49.8030, 57.9222

Trichromacy



Original Color

53.6495, 49.6527, 67.7291

Protanomaly

50.8093, 49.9285, 70.5775

Deuteranomaly

51.6493, 49.5253, 67.1587

Tritanomaly

52.5579, 49.8202, 61.4897

Monochromacy



Original Color

53.6495, 49.6527, 67.7291

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.4530, 50.5995, 59.9308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6495, 49.6527, 67.7291 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(209, 177, 210)` looks like.

```
.text, #text, p{  
    color:rgb(209, 177, 210)  
}
```

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(209, 177, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 177, 210) }
```

Border

The CSS property to change the border of an element to XYZ 53.6495, 49.6527, 67.7291 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(209, 177, 210) }
```


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

```
.border{ border-color:rgb(209, 177, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 177, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 177, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 177, 210);  
box-shadow:4px 4px 4px 4px rgb(209, 177,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6495, 49.6527, 67.7291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 177, 210) }
```

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

```
.background{ background-color: rgb(209,  
177, 210) }
```

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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