

Converting Colors

XYZ(53.8727, 49.8637, 72.1179)

Have a look what the booklet for
XYZ(53.8727, 49.8637, 72.1179)
contains.

XYZ(53.8984, 49.9724, 72.4505)	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(53.8984, 49.9724,
72.4505)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB2D9
RGB	206, 178, 217
RGB Percent	81%, 70%, 85%
CMY	0.1922, 0.3019, 0.1490
CMYK	0.05, 0.18, 0.00, 0.15
HSL	283°, 34%, 77%
HSV	283°, 18%, 85%
XYZ	53.8984, 49.9724, 72.4505
YIQ	190.8180, 4.1690, 18.0650

Conversions

Conversions Part 2

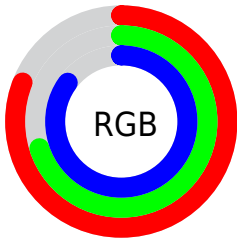
Format	Color
R_{YB}	206, 178, 217
Decimal	13546201
CIE _{Lab}	76.05, 17.08, -15.89
CIE _{LCh}	76, 23.330, 317.057
Yxy	49.9724, 0.3057, 0.2834
Android (android.graphics.Color)	4291736281 (0xFFCEB2D9)
YUV	190.8180, 12.9077, 13.3146
Hunter-Lab	70.6912, 12.3876, -11.2818

Details

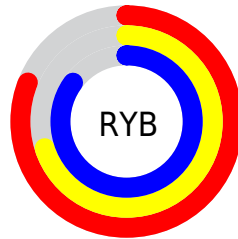
The XYZ color **53.8984, 49.9724, 72.4505** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.8368, 63.6602, 51.5721**, and the grayscale version is **49.3431, 51.9128, 56.5330**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **26.6177, 23.8552, 37.3840** is the 20% darker color. If you saturate the color by 10%, you get **48.2518, 41.1521, 71.0464**, and if you desaturate by 10%, it is **60.2972, 60.1970, 74.0876**.

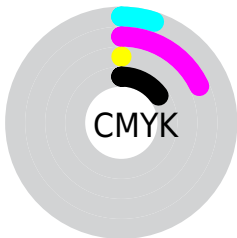
Distribution



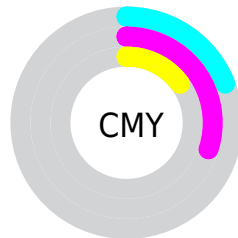
- Red (81%)
- Green (70%)
- Blue (85%)



- Red (81%)
- Yellow (70%)
- Blue (85%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8984, 49.9724, 72.4505 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 53.8984, 49.9724, 72.4505 by changing the saturation by 10% instead.

■ 53.8984, 49.9724,
72.4505

■ 53.8984, 49.9724,
72.4505

391.9271,
386.5580, 488.1277

■ 38.7508, 35.3915,
53.0377

■ 95.0828, 90.1340,
124.4105

■ 26.7458, 23.9646,
37.4449

121.8503,
116.4834, 157.7947

■ 17.5180, 15.3074,
25.2537

153.2219,
147.5245, 196.6732

■ 10.7021, 9.0354,
16.0454

189.5628,
183.6416, 241.4644

■ 5.9327, 4.7643,
9.4016

231.2384,
225.2191, 292.5869

■ 2.8445, 2.1096,
4.9037

278.6141,

■ 1.0720, 0.6700,

272.6414, 350.4593

2.1331

332.0552,
326.2929, 415.5001

■ 0.0015, 0.0000,
0.6354

■ 0.0000, 0.0000,
0.0000

■ 53.8984, 49.9724,
72.4505

■ 53.8984, 49.9724,
72.4505

■ 48.2518, 41.1521,
71.0464

■ 60.2972, 60.1970,
74.0876

■ 43.3200, 33.6652,
69.8612

■ 67.4743, 71.8798,
75.9643

■ 39.0693, 27.4444,
68.8845

■ 75.4600, 85.0794,
78.0912

■ 35.4610, 22.4135,
68.1036

■ 81.0735, 93.4331,
79.4077

■ 32.4524, 18.4884,
67.5046

■ 83.0780, 94.4665,
79.5016

■ 29.9951, 15.5734,
67.0714

■ 85.1523, 95.5359,
79.5986

■ 28.0325, 13.5562,
66.7855

■ 87.2970, 96.6415,
79.6990

■ 26.4838, 12.2771,
66.6202

■ 89.5128, 97.7838,
79.8027

■ 26.1948, 12.0571,
66.5930

■ 89.5245, 97.7898,
79.8032

Harmonies

Analogous

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



49.9975, 49.9724, 80.7262



53.8984, 49.9724, 72.4505



56.1398, 49.9724, 59.9648

Triad

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



53.8984, 49.9724, 72.4505



49.3987, 49.9724, 34.2161



39.9292, 49.9724, 61.7578

Complementary

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



53.8984, 49.9724, 72.4505



53.8368, 63.6602, 51.5721

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.



39.7906, 49.9724, 49.2120



53.8984, 49.9724, 72.4505



45.0818, 49.9724, 34.5444

Square

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



53.8984, 49.9724, 72.4505



53.4370, 49.9724, 38.6684



41.6241, 49.9724, 39.6466



42.0149, 49.9724, 73.9349

Rectangle

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



53.8984, 49.9724, 72.4505



56.3069, 49.9724, 51.5163



41.6241, 49.9724, 39.6466



39.6580, 49.9724, 57.4131

Sweetspot

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



53.8999, 49.9745, 72.4516



89.8058, 91.4575, 107.5275



49.0949, 50.8937, 72.8823



19.0694, 19.3280, 22.9756



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.



53.8999, 49.9745, 72.4516



74.1066, 66.4023, 103.5188



55.9901, 51.1758, 66.9580



13.2378, 13.0807, 16.4793



15.9648, 7.3543, 40.3165



1.1169, 0.5190, 2.6158

Inverse Universe

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



53.7227, 50.2689, 55.0179



73.8707, 66.9529, 73.1338



52.0856, 62.6563, 56.0565



13.2063, 13.1116, 14.3474



17.8746, 9.1509, 3.7200



1.1945, 0.6074, 0.4333

Previews

White Background



This preview shows how the XYZ color 53.8984, 49.9724, 72.4505 looks on a white background.

Color Contrast Check

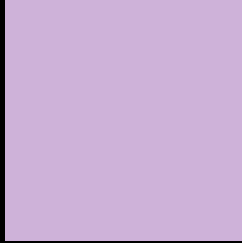
Large Text (above 18pt) WCAG AA × Fail

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 53.8984, 49.9724, 72.4505 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 53.8984, 49.9724, 72.4505

Background



This preview shows how black text looks on a background with the XYZ color 53.8984, 49.9724, 72.4505.



This preview shows how white text looks on a background with the XYZ color 53.8984, 49.9724,

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

53.8984, 49.9724, 72.4505

Protanopia

49.5661, 50.0950, 76.1641

Deuteranopia

51.0664, 50.0313, 71.9313



Tritanopia

51.3204, 50.1379, 59.1973

Trichromacy



Original Color

53.8984, 49.9724, 72.4505

Protanomaly

50.8380, 49.8531, 74.6533

Deuteranomaly

51.9445, 49.8759, 71.8550

Tritanomaly

52.3248, 50.2447, 64.0671

Monochromacy



Original Color

53.8984, 49.9724, 72.4505

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.7492, 51.0237, 61.8174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8984, 49.9724, 72.4505 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(206, 178, 217)` looks like.

```
.text, #text, p{  
    color:rgb(206, 178, 217)  
}
```

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(206, 178, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 178, 217) }
```

Border

The CSS property to change the border of an element to XYZ 53.8984, 49.9724, 72.4505 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(206, 178, 217) }
```


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

```
.border{ border-color:rgb(206, 178, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 178, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 178, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 178, 217);  
box-shadow:4px 4px 4px 4px rgb(206, 178,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8984, 49.9724, 72.4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 178, 217) }
```

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

```
.background{ background-color: rgb(206,  
178, 217) }
```

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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