

Converting Colors

XYZ(53.6296, 49.6592, 71.7624)

Have a look what the booklet for
XYZ(53.6296, 49.6592, 71.7624)
contains.

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Color

**XYZ(53.5704, 49.5240,
71.7014)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB1D8
RGB	206, 177, 216
RGB Percent	81%, 69%, 85%
CMY	0.1922, 0.3059, 0.1529
CMYK	0.05, 0.18, 0.00, 0.15
HSL	285°, 33%, 77%
HSV	285°, 18%, 85%
XYZ	53.5704, 49.5240, 71.7014
YIQ	190.1170, 4.7650, 18.2770

Conversions

Conversions Part 2

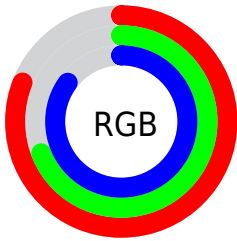
Format	Color
R_{YB}	206, 177, 216
Decimal	13545944
CIE _{Lab}	75.78, 17.43, -15.77
CIE _{LCh}	76, 23.501, 317.865
Yxy	49.5240, 0.3065, 0.2833
Android (android.graphics.Color)	4291736024 (0xFFCEB1D8)
YUV	190.1170, 12.7603, 13.9294
Hunter-Lab	70.3733, 12.7267, -11.1476

Details

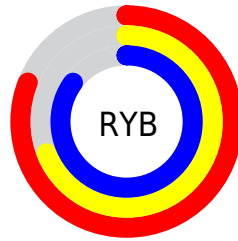
The XYZ color **53.5704, 49.5240, 71.7014** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.9871, 62.8522, 50.9365**, and the grayscale version is **48.9391, 51.4878, 56.0702**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **26.4032, 23.5678, 36.8757** is the 20% darker color. If you saturate the color by 10%, you get **48.1268, 40.8787, 70.3203**, and if you desaturate by 10%, it is **59.7465, 59.5520, 73.3122**.

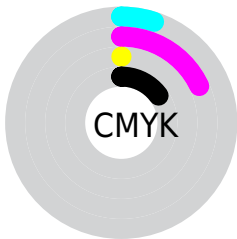
Distribution



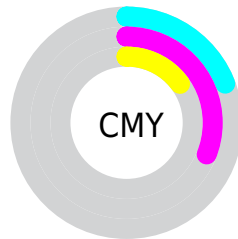
- Red (81%)
- Green (69%)
- Blue (85%)



- Red (81%)
- Yellow (69%)
- Blue (85%)



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



- Cyan (19%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5704, 49.5240, 71.7014 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 53.5704, 49.5240, 71.7014 by changing the saturation by 10% instead.

■ 53.5704, 49.5240,
71.7014

■ 53.5704, 49.5240,
71.7014

390.6948,
384.8016, 485.4512

■ 38.4876, 35.0353,
52.4294

■ 94.6038, 89.4692,
123.3357

■ 26.5403, 23.6901,
36.9629

121.2851,
115.6945, 156.5351

■ 17.3631, 15.1039,
24.8832

152.5633,
146.6009, 195.2140

■ 10.5906, 8.8923,
15.7718

188.8037,
182.5726, 239.7911

■ 5.8575, 4.6710,
9.2102

230.3717,
223.9942, 290.6848

■ 2.7985, 2.0556,
4.7799

277.6326,

■ 1.0481, 0.6395,

271.2499, 348.3137

2.0622

330.9519,
324.7242, 413.0963

■ 0.0000, 0.0000,
0.5931

■ 0.0000, 0.0000,
0.0000

■ 53.5704, 49.5240,
71.7014

■ 53.5704, 49.5240,
71.7014

■ 48.1268, 40.8787,
70.3203

■ 59.7465, 59.5520,
73.3122

■ 43.3789, 33.5461,
69.1553

■ 66.6807, 71.0159,
75.1595

■ 39.2935, 27.4595,
68.1958

■ 74.4028, 83.9736,
77.2536

■ 35.8325, 22.5440,
67.4294

■ 80.1995, 92.9976,
78.6899

32.9539, 18.7161,
66.8422

81.9867, 93.9189,
78.7735

30.6100, 15.8813,
66.4186

83.8307, 94.8695,
78.8598

28.7448, 13.9286,
66.1400

85.7320, 95.8497,
78.9488

27.2780, 12.6982,
65.9798

87.6911, 96.8596,
79.0405

27.0148, 12.4948,
65.9544

89.3948, 97.7379,
79.1202

Harmonies

Analogous

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



49.6919, 49.5240, 80.1760



53.5704, 49.5240, 71.7014



55.7585, 49.5240, 59.1333

Triad

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



53.5704, 49.5240, 71.7014



48.8568, 49.5240, 33.6794



39.5293, 49.5240, 61.6348

Complementary

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



53.5704, 49.5240, 71.7014



52.9871, 62.8522, 50.9365

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.



39.3364, 49.5240, 49.0286



53.5704, 49.5240, 71.7014



44.5441, 49.5240, 34.1357

Square

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



53.5704, 49.5240, 71.7014



52.9266, 49.5240, 37.9964



41.1199, 49.5240, 39.3572



41.6642, 49.5240, 73.7747

Rectangle

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



53.5704, 49.5240, 71.7014



55.8801, 49.5240, 50.7018



41.1199, 49.5240, 39.3572



39.2402, 49.5240, 57.2782

Sweetspot

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



53.5719, 49.5261, 71.7025



89.9240, 91.5184, 107.5331



48.3835, 50.0178, 72.0709



19.0981, 19.3429, 22.9769



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.



53.5719, 49.5261, 71.7025



74.5946, 66.6538, 103.5417



55.2928, 50.5455, 65.8107



12.6277, 12.4650, 15.6780



16.0947, 7.4496, 39.0428



1.0455, 0.4878, 2.3584

Inverse Universe

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



53.0125, 49.6333, 53.8024



73.6869, 66.8795, 72.1663



51.5627, 62.0096, 55.7637



12.5526, 12.4726, 13.5844



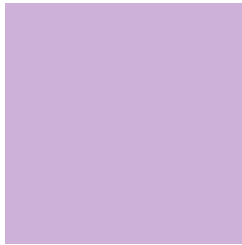
17.2130, 8.8215, 3.1597



1.0721, 0.5456, 0.3690

Previews

White Background



This preview shows how the XYZ color 53.5704, 49.5240, 71.7014 looks on a white background.

Color Contrast Check

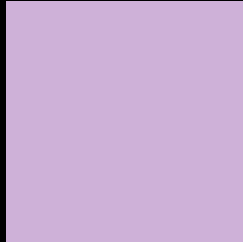
Large Text (above 18pt) WCAG AA × Fail

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 53.5704, 49.5240, 71.7014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

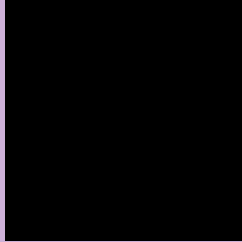
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5704, 49.5240, 71.7014

Background



This preview shows how black text looks on a background with the XYZ color 53.5704, 49.5240, 71.7014.



This preview shows how white text looks on a background with the XYZ color 53.5704, 49.5240,

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

53.5704, 49.5240, 71.7014

Protanopia

49.2225, 49.6217, 75.3903

Deuteranopia

50.7319, 49.5687, 71.1838



Tritanopia

51.0028, 49.6844, 58.5317

Trichromacy



Original Color

53.5704, 49.5240, 71.7014

Protanomaly

50.5004, 49.3892, 73.8892

Deuteranomaly

51.6130, 49.4191, 71.1085

Tritanomaly

52.0026, 49.7917, 63.3698

Monochromacy



Original Color

53.5704, 49.5240, 71.7014

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.4227, 50.5572, 61.1338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5704, 49.5240, 71.7014 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, 177, 216)` looks like.

```
.text, #text, p{  
    color:rgb(206, 177, 216)  
}
```

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, 177, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 177, 216) }
```

Border

The CSS property to change the border of an element to XYZ 53.5704, 49.5240, 71.7014 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, 177, 216) }
```


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

```
.border{ border-color:rgb(206, 177, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 177, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 177, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 177, 216);  
box-shadow:4px 4px 4px 4px rgb(206, 177,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5704, 49.5240, 71.7014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 177, 216) }
```

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

```
.background{ background-color: rgb(206,  
177, 216) }
```

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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