

Converting Colors

XYZ(52.4279, 49.2851, 64.2684)

Have a look what the booklet for
XYZ(52.4279, 49.2851, 64.2684)
contains.

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Color

**XYZ(52.6720, 49.5140,
64.5386)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB2CD
RGB	207, 178, 205
RGB Percent	81%, 70%, 80%
CMY	0.1882, 0.3019, 0.1961
CMYK	0.00, 0.14, 0.01, 0.19
HSL	304°, 23%, 75%
HSV	304°, 14%, 81%
XYZ	52.6720, 49.5140, 64.5386
YIQ	189.7490, 8.6170, 14.5450

Conversions

Conversions Part 2

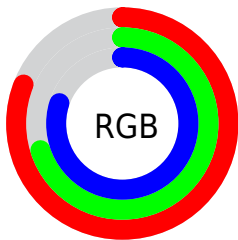
Format	Color
R_{YB}	207, 178, 205
Decimal	13611725
CIE _{Lab}	75.77, 15.13, -9.78
CIE _{LCh}	76, 18.017, 327.129
Yxy	49.5140, 0.3159, 0.2970
Android (android.graphics.Color)	4291801805 (0xFFCFB2CD)
YUV	189.7490, 7.5187, 15.1291
Hunter-Lab	70.3662, 10.4738, -5.1234

Details

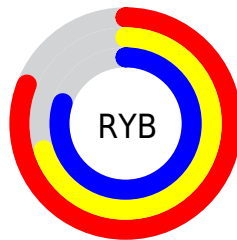
The XYZ color **52.6720, 49.5140, 64.5386** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.9131, 57.3874, 51.6817**, and the grayscale version is **48.7551, 51.2942, 55.8593**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **25.8684, 23.5770, 32.4656** is the 20% darker color. If you saturate the color by 10%, you get **48.6890, 41.8220, 62.3649**, and if you desaturate by 10%, it is **57.2809, 58.4539, 66.9299**.

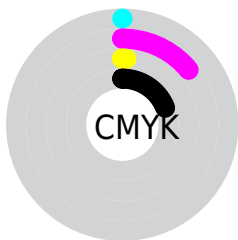
Distribution



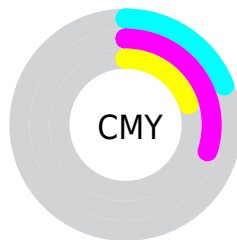
- Red (81%)
- Green (70%)
- Blue (80%)



- Red (81%)
- Yellow (70%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6720, 49.5140, 64.5386 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 52.6720, 49.5140, 64.5386 by changing the saturation by 10% instead.

■ 52.6720, 49.5140,
64.5386

■ 52.6720, 49.5140,
64.5386

387.3069,
384.7623, 459.3928

■ 37.7674, 35.0274,
46.6381

■ 93.2899, 89.4544,
112.9932

■ 25.9786, 23.6840,
32.3973

119.7340,
115.6769, 144.3843

■ 16.9402, 15.0994,
21.3978

150.7552,
146.5803, 181.1093

■ 10.2869, 8.8891,
13.2211

186.7190,
182.5488, 223.5869

■ 5.6533, 4.6689,
7.4484

227.9907,
223.9668, 272.2355

■ 2.6741, 2.0544,
3.6614

274.9357,

■ 0.9839, 0.6388,

271.2188, 327.4736

1.4415

327.9193,
324.6892, 389.7199

■ 0.0000, 0.0000,
0.1738

■ 0.0000, 0.0000,
0.0000

■ 52.6720, 49.5140,
64.5386

■ 52.6720, 49.5140,
64.5386

■ 48.6890, 41.8220,
62.3649

■ 57.2809, 58.4539,
66.9299

■ 45.2999, 35.3158,
60.3963

■ 62.5375, 68.6873,
69.5443

■ 42.4763, 29.9381,
58.6238

■ 68.4676, 80.2654,
72.3910

■ 40.1856, 25.6238,
57.0368

■ 73.2145, 89.4744,
74.8511

38.3921, 22.3016,
55.6232

73.3940, 89.5462,
75.7967

37.0558, 19.8910,
54.3696

73.5752, 89.6187,
76.7506

36.1302, 18.2994,
53.2605

73.7579, 89.6918,
77.7129

35.5591, 17.4145,
52.2773

73.9423, 89.7655,
78.6837

35.3271, 17.1034,
51.7285

74.1282, 89.8399,
79.6629

Harmonies

Analogous

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



50.0553, 49.5140, 72.0204



52.6720, 49.5140, 64.5386



53.7808, 49.5140, 54.8399

Triad

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



52.6720, 49.5140, 64.5386



47.3844, 49.5140, 37.5309



41.5672, 49.5140, 62.7542

Complementary

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



52.6720, 49.5140, 64.5386



48.9131, 57.3874, 51.6817

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.



40.9267, 49.5140, 52.9952



52.6720, 49.5140, 64.5386



44.1896, 49.5140, 39.1264

Square

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



52.6720, 49.5140, 64.5386



50.6388, 49.5140, 39.8760



41.8644, 49.5140, 44.5216



43.6569, 49.5140, 70.9074

Rectangle

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



52.6720, 49.5140, 64.5386



53.4784, 49.5140, 48.6678



41.8644, 49.5140, 44.5216



41.1797, 49.5140, 59.5207

Sweetspot

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



52.6735, 49.5162, 64.5397



91.7688, 93.6186, 107.2484



45.9920, 46.0436, 65.4957



19.5143, 19.7895, 22.8905



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.



52.6735, 49.5162, 64.5397



82.2683, 75.2010, 102.2826



51.0106, 48.8510, 55.7831



12.2741, 11.9944, 14.7194



22.2717, 10.7815, 32.6667



1.2561, 0.6072, 1.8835

Inverse Universe

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



52.6735, 49.5162, 64.5397



82.2683, 75.2010, 102.2826



50.4611, 58.0066, 59.8330



12.2741, 11.9944, 14.7194



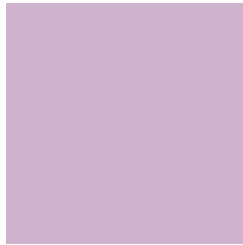
22.2717, 10.7815, 32.6667



1.2561, 0.6072, 1.8835

Previews

White Background



This preview shows how the XYZ color 52.6720, 49.5140, 64.5386 looks on a white background.

Color Contrast Check

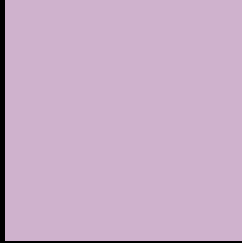
Large Text (above 18pt) WCAG AA × Fail

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 52.6720, 49.5140, 64.5386 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

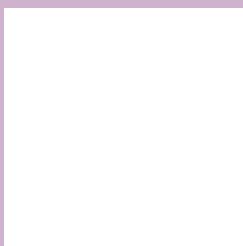
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6720, 49.5140, 64.5386

Background



This preview shows how black text looks on a background with the XYZ color 52.6720, 49.5140, 64.5386.



This preview shows how white text looks on a background with the XYZ color 52.6720, 49.5140,

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

52.6720, 49.5140, 64.5386

Protanopia

48.7202, 49.8382, 68.0247

Deuteranopia

50.6530, 49.6858, 64.0474



Tritanopia

51.2357, 49.5167, 57.8962

Trichromacy



Original Color

52.6720, 49.5140, 64.5386

Protanomaly

50.0569, 49.6275, 66.6153

Deuteranomaly

51.5104, 49.8249, 64.0290

Tritanomaly

51.7667, 49.4392, 60.2404

Monochromacy



Original Color

52.6720, 49.5140, 64.5386

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.1742, 50.7937, 58.7895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6720, 49.5140, 64.5386 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(207, 178, 205)` looks like.

```
.text, #text, p{  
    color:rgb(207, 178, 205)  
}
```

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(207, 178, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 178, 205) }
```

Border

The CSS property to change the border of an element to XYZ 52.6720, 49.5140, 64.5386 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(207, 178, 205) }
```


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

```
.border{ border-color:rgb(207, 178, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 178, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 178, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 178, 205);  
box-shadow:4px 4px 4px 4px rgb(207, 178,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6720, 49.5140, 64.5386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 178, 205) }
```

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

```
.background{ background-color: rgb(207,  
178, 205) }
```

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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