

Converting Colors

XYZ(52.2136, 51.2188, 64.3460)

Have a look what the booklet for
XYZ(52.2136, 51.2188, 64.3460)
contains.

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Color

**XYZ(52.1270, 51.0581,
64.2346)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B8CC
RGB	201, 184, 204
RGB Percent	79%, 72%, 80%
CMY	0.2118, 0.2784, 0.2000
CMYK	0.01, 0.10, 0.00, 0.20
HSL	291°, 16%, 76%
HSV	291°, 10%, 80%
XYZ	52.1270, 51.0581, 64.2346
YIQ	191.3630, 3.7120, 9.8240

Conversions

Conversions Part 2

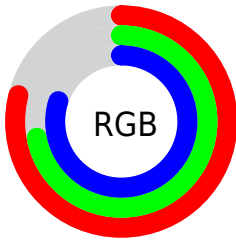
Format	Color
R _Y B	201, 184, 204
Decimal	13220044
CIE Lab	76.71, 9.64, -7.89
CIE LCh	77, 12.456, 320.717
Yxy	51.0581, 0.3114, 0.3050
Android (android.graphics.Color)	4291410124 (0xFFC9B8CC)
YUV	191.3630, 6.2300, 8.4516
Hunter-Lab	71.4550, 5.1711, -3.2804

Details

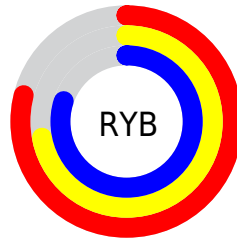
The XYZ color **52.1270, 51.0581, 64.2346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7399, 57.2126, 53.7188**, and the grayscale version is **49.6966, 52.2847, 56.9381**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **25.6539, 24.6377, 32.2576** is the 20% darker color. If you saturate the color by 10%, you get **47.3773, 42.7670, 62.8854**, and if you desaturate by 10%, it is **57.5072, 60.5842, 65.7905**.

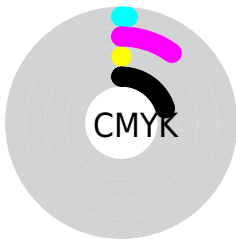
Distribution



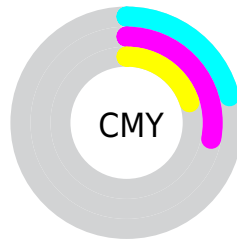
- Red (79%)
- Green (72%)
- Blue (80%)



- Red (79%)
- Yellow (72%)
- Blue (80%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1270, 51.0581, 64.2346 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 52.1270, 51.0581, 64.2346 by changing the saturation by 10% instead.

■ 52.1270, 51.0581,
64.2346

■ 52.1270, 51.0581,
64.2346

385.2426,
390.7895, 458.2670

■ 37.3310, 36.2548,
46.3933

■ 92.4916, 91.7406,
112.5514

■ 25.6387, 24.6311,
32.2054

118.7910,
118.3887, 143.8641

■ 16.6848, 15.8024,
21.2523

149.6554,
149.7539, 180.5043

■ 10.1039, 9.3844,
13.1155

185.4504,
186.2205, 222.8905

■ 5.5307, 4.9928,
7.3765

226.5413,
228.1730, 271.4414

■ 2.5998, 2.2430,
3.6167

273.2934,

■ 0.9459, 0.7433,

275.9957, 326.5754

1.4175

326.0720,
330.0731, 388.7111

■ 0.0000, 0.0000,
0.1553

■ 0.0000, 0.0000,
0.0000

■ 52.1270, 51.0581,
64.2346

■ 52.1270, 51.0581,
64.2346

■ 47.3773, 42.7670,
62.8854

■ 57.5072, 60.5842,
65.7905

■ 43.2274, 35.6523,
61.7308

■ 63.5380, 71.3876,
67.5579

■ 39.6508, 29.6602,
60.7627

■ 70.2440, 83.5170,
69.5457

■ 36.6174, 24.7303,
59.9710

■ 74.1702, 90.0621,
70.6021

■ 34.0938, 20.7965,
59.3447

■ 75.0677, 90.5248,
70.6441

■ 32.0434, 17.7852,
58.8716

■ 75.9820, 90.9961,
70.6869

■ 30.4240, 15.6127,
58.5376

■ 76.9132, 91.4762,
70.7305

■ 29.1861, 14.1797,
58.3262

■ 77.8615, 91.9651,
70.7748

■ 28.2390, 13.3052,
58.2073

■ 78.8269, 92.4627,
70.8200

Harmonies

Analogous

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



50.1522, 51.0581, 68.6566



52.1270, 51.0581, 64.2346



53.1467, 51.0581, 57.7164

Triad

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



52.1270, 51.0581, 64.2346



49.2649, 51.0581, 43.7289



44.4073, 51.0581, 60.3188

Complementary

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



52.1270, 51.0581, 64.2346



50.7399, 57.2126, 53.7188

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.



44.1872, 51.0581, 53.5235



52.1270, 51.0581, 64.2346



46.9416, 51.0581, 44.3024

Square

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



52.1270, 51.0581, 64.2346



51.4594, 51.0581, 46.1289



45.1009, 51.0581, 47.7645



45.7124, 51.0581, 66.2717

Rectangle

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



52.1270, 51.0581, 64.2346



53.1258, 51.0581, 53.2117



45.1009, 51.0581, 47.7645



44.2057, 51.0581, 58.0455

Sweetspot

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



52.1285, 51.0603, 64.2357



92.2370, 94.9988, 108.0829



48.5095, 50.2346, 64.2671



19.5852, 20.0546, 23.0886



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.



52.1285, 51.0603, 64.2357



84.3846, 81.1463, 105.8230



52.1602, 51.1671, 60.1523



11.5158, 11.3152, 14.1475



17.8251, 8.3967, 36.6375



0.9656, 0.4569, 1.8922

Inverse Universe

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



51.0137, 50.7085, 54.1151



82.1448, 80.4432, 85.3192



50.7291, 57.1243, 57.4525



11.2798, 11.2406, 12.0079



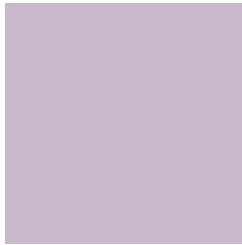
15.8475, 8.1496, 1.6498



0.8400, 0.4294, 0.2034

Previews

White Background



This preview shows how the XYZ color 52.1270, 51.0581, 64.2346 looks on a white background.

Color Contrast Check

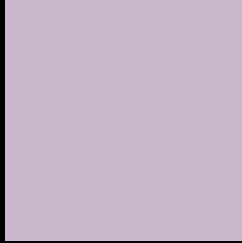
Large Text (above 18pt) WCAG AA × Fail

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 52.1270, 51.0581, 64.2346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

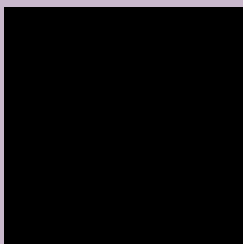
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

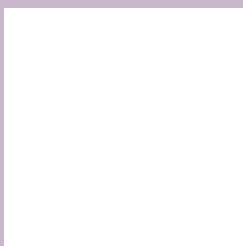
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1270, 51.0581, 64.2346

Background



This preview shows how black text looks on a background with the XYZ color 52.1270, 51.0581, 64.2346.



This preview shows how white text looks on a background with the XYZ color 52.1270, 51.0581,

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

52.1270, 51.0581, 64.2346

Protanopia

49.9847, 51.1628, 66.2724

Deuteranopia

52.1270, 51.0581, 64.2346



Tritanopia

51.4772, 51.1008, 61.1831

Trichromacy



Original Color

52.1270, 51.0581, 64.2346

Protanomaly

50.9032, 51.3343, 65.6181

Deuteranomaly

52.1270, 51.0581, 64.2346

Tritanomaly

51.7110, 51.1943, 62.4144

Monochromacy



Original Color

52.1270, 51.0581, 64.2346

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.4527, 51.5541, 59.5163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1270, 51.0581, 64.2346 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(201, 184, 204)` looks like.

```
.text, #text, p{  
    color:rgb(201, 184, 204)  
}
```

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(201, 184, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 184, 204) }
```

Border

The CSS property to change the border of an element to XYZ 52.1270, 51.0581, 64.2346 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(201, 184, 204) }
```


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

```
.border{ border-color:rgb(201, 184, 204) }
```

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

Here you see how a box with a 4 pixel rgb(201, 184, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 184, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 184, 204);  
box-shadow:4px 4px 4px 4px rgb(201, 184,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1270, 51.0581, 64.2346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 184, 204) }
```

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

```
.background{ background-color: rgb(201,  
184, 204) }
```

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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