

Converting Colors

XYZ(52.9414, 51.4780, 64.2727)

Have a look what the booklet for
XYZ(52.9414, 51.4780, 64.2727)
contains.

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Color

**XYZ(52.9414, 51.4780,
64.2727)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB8CC
RGB	204, 184, 204
RGB Percent	80%, 72%, 80%
CMY	0.2000, 0.2784, 0.2000
CMYK	0.00, 0.10, 0.00, 0.20
HSL	300°, 16%, 76%
HSV	300°, 10%, 80%
XYZ	52.9414, 51.4780, 64.2727
YIQ	192.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

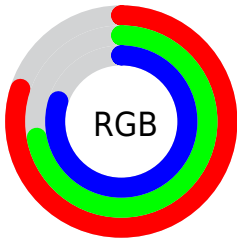
Format	Color
R_YB	204, 184, 204
Decimal	13416652
CIE Lab	76.97, 10.67, -7.48
CIE LCh	77, 13.032, 324.957
Yxy	51.4780, 0.3138, 0.3052
Android (android.graphics.Color)	4291606732 (0xFFCCB8CC)
YUV	192.2600, 5.7878, 10.2960
Hunter-Lab	71.7482, 6.1519, -2.8888

Details

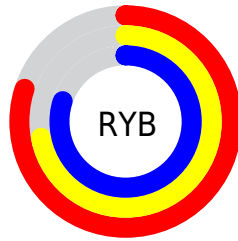
The XYZ color **52.9414, 51.4780, 64.2727** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0137, 56.8382, 53.6849**, and the grayscale version is **50.2211, 52.8365, 57.5389**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **26.1990, 24.9186, 32.2831** is the 20% darker color. If you saturate the color by 10%, you get **49.0062, 43.6069, 62.9616**, and if you desaturate by 10%, it is **57.4907, 60.5757, 65.7897**.

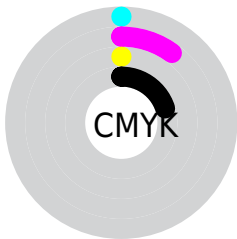
Distribution



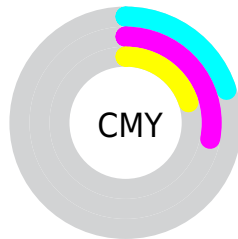
- Red (80%)
- Green (72%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9414, 51.4780, 64.2727 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 52.9414, 51.4780, 64.2727 by changing the saturation by 10% instead.

■ 52.9414, 51.4780,
64.2727

■ 52.9414, 51.4780,
64.2727

388.3248,
392.4181, 458.4082

■ 37.9833, 36.5892,
46.4240

■ 93.6842, 92.3609,
112.6068

■ 26.1469, 24.8896,
32.2294

120.1995,
119.1238, 143.9293

■ 17.0668, 15.9948,
21.2705

151.2980,
150.6136, 180.5801

■ 10.3777, 9.5205,
13.1287

187.3450,
187.2145, 222.9778

■ 5.7143, 5.0822,
7.3855

228.7058,
229.3110, 271.5409

■ 2.7111, 2.2956,
3.6223

275.7458,

■ 1.0029, 0.7714,

277.2875, 326.6880

1.4205

328.8303,
331.5284, 388.8376

■ 0.0000, 0.0000,
0.1576

■ 0.0000, 0.0000,
0.0000

■ 52.9414, 51.4780,
64.2727

■ 52.9414, 51.4780,
64.2727

■ 49.0062, 43.6069,
62.9616

■ 57.4907, 60.5757,
65.7897

■ 45.6546, 36.9036,
61.8444

■ 62.6740, 70.9423,
67.5175

■ 42.8601, 31.3147,
60.9129

■ 68.5160, 82.6263,
69.4648

■ 40.5926, 26.7796,
60.1571

■ 71.5614, 88.7173,
70.4800

38.8190, 23.2324,
59.5659

71.5614, 88.7173,
70.4800

37.5025, 20.5996,
59.1270

71.5615, 88.7173,
70.4800

36.6014, 18.7972,
58.8267

71.5615, 88.7173,
70.4800

36.0659, 17.7264,
58.6482

71.5615, 88.7173,
70.4800

35.8057, 17.2060,
58.5614

71.5615, 88.7173,
70.4800

Harmonies

Analogous

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



50.9701, 51.4780, 69.3812



52.9414, 51.4780, 64.2727



53.8390, 51.4780, 57.2612

Triad

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



52.9414, 51.4780, 64.2727



49.3491, 51.4780, 43.5059



44.7269, 51.4780, 62.0191

Complementary

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



52.9414, 51.4780, 64.2727



50.0137, 56.8382, 53.6849

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.



44.3257, 51.4780, 54.8576



52.9414, 51.4780, 64.2727



46.9417, 51.4780, 44.5475

Square

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



52.9414, 51.4780, 64.2727



51.7207, 51.4780, 45.5867



45.1233, 51.4780, 48.5618



46.2382, 51.4780, 68.0049

Rectangle

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



52.9414, 51.4780, 64.2727



53.6865, 51.4780, 52.5960



45.1233, 51.4780, 48.5618



44.4599, 51.4780, 59.6536

Sweetspot

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



52.9429, 51.4802, 64.2738



92.6579, 95.2158, 108.1026



47.8784, 48.9723, 64.0567



19.6993, 20.1134, 23.0940



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.



52.9429, 51.4802, 64.2738



86.0533, 82.0066, 105.9011



51.8191, 51.0307, 58.3559



11.6876, 11.4038, 14.1555



22.5335, 10.8240, 36.8579



1.1625, 0.5584, 1.9015

Inverse Universe

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



50.6959, 50.5814, 52.4413



81.5122, 80.1901, 81.9879



51.0620, 57.2575, 59.2052



11.2124, 11.2137, 11.6529



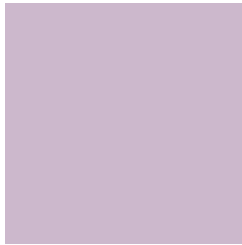
15.6735, 8.0800, 0.7335



0.8086, 0.4168, 0.0378

Previews

White Background



This preview shows how the XYZ color 52.9414, 51.4780, 64.2727 looks on a white background.

Color Contrast Check

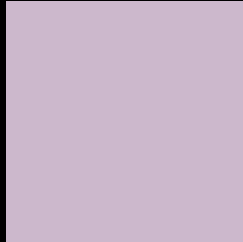
Large Text (above 18pt) WCAG AA × Fail

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 52.9414, 51.4780, 64.2727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

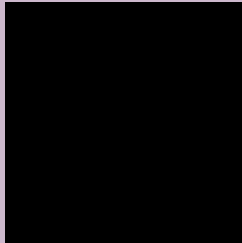
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9414, 51.4780, 64.2727

Background



This preview shows how black text looks on a background with the XYZ color 52.9414, 51.4780, 64.2727.



This preview shows how white text looks on a background with the XYZ color 52.9414, 51.4780,

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

52.9414, 51.4780, 64.2727

Protanopia

50.4463, 51.7190, 66.3554

Deuteranopia

52.6052, 51.6141, 64.3167



Tritanopia

52.2864, 51.5180, 61.2210

Trichromacy



Original Color

52.9414, 51.4780, 64.2727

Protanomaly

51.1590, 51.4662, 65.6301

Deuteranomaly

52.8766, 51.7541, 64.3294

Tritanomaly

52.5202, 51.6115, 62.4522

Monochromacy



Original Color

52.9414, 51.4780, 64.2727

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.9264, 52.1165, 59.5999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9414, 51.4780, 64.2727 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(204, 184, 204)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 184, 204) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 52.9414, 51.4780, 64.2727 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(204, 184, 204) }
```


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

```
.border{ border-color:rgb(204, 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(204, 184, 204)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 52.9414, 51.4780, 64.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(204,  
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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