

Converting Colors

XYZ(52.8402, 51.3347, 63.9320)

Have a look what the booklet for
XYZ(52.8402, 51.3347, 63.9320)
contains.

XYZ(52.8218, 51.4301, 63.6429)	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(52.8218, 51.4301,
63.6429)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB8CB
RGB	204, 184, 203
RGB Percent	80%, 72%, 80%
CMY	0.2000, 0.2784, 0.2039
CMYK	0.00, 0.10, 0.00, 0.20
HSL	303°, 16%, 76%
HSV	303°, 10%, 80%
XYZ	52.8218, 51.4301, 63.6429
YIQ	192.1460, 5.8210, 10.1490

Conversions

Conversions Part 2

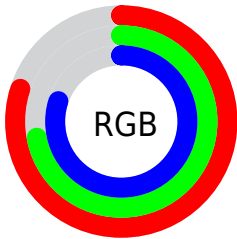
Format	Color
RYB	204, 184, 203
Decimal	13416651
CIELab	76.94, 10.48, -6.98
CIELCh	77, 12.596, 326.334
Yxy	51.4301, 0.3146, 0.3063
Android (android.graphics.Color)	4291606731 (0xFFCCB8CB)
YUV	192.1460, 5.3510, 10.3960
Hunter-Lab	71.7148, 5.9740, -2.4162

Details

The XYZ color **52.8218, 51.4301, 63.6429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1189, 56.8803, 54.2390**, and the grayscale version is **50.1568, 52.7688, 57.4652**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **26.1188, 24.8866, 31.8607** is the 20% darker color. If you saturate the color by 10%, you get **48.7654, 43.5105, 61.6934**, and if you desaturate by 10%, it is **57.4931, 60.5766, 65.8025**.

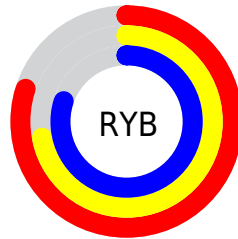
Distribution



Red (80%)

Green (72%)

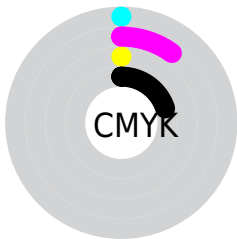
Blue (80%)



Red (80%)

Yellow (72%)

Blue (80%)

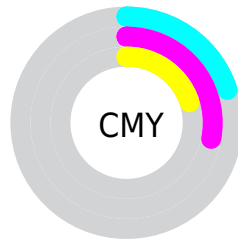


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (20%)



Cyan (20%)

Magenta (28%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8218, 51.4301, 63.6429 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 52.8218, 51.4301, 63.6429 by changing the saturation by 10% instead.

■ 52.8218, 51.4301,
63.6429

■ 52.8218, 51.4301,
63.6429

387.8731,
392.2325, 456.0710

■ 37.8874, 36.5510,
45.9172

■ 93.5092, 92.2902,
111.6910

■ 26.0722, 24.8601,
31.8323

119.9929,
119.0400, 142.8505

■ 17.0106, 15.9728,
20.9697

151.0571,
150.5156, 179.3249

■ 10.3374, 9.5049,
12.9108

187.0672,
187.1012, 221.5329

■ 5.6872, 5.0720,
7.2371

228.3885,
229.1813, 269.8930

■ 2.6947, 2.2895,
3.5302

275.3863,

■ 0.9944, 0.7682,

277.1403, 324.8236

1.3713

328.4261,
331.3626, 386.7435

■ 0.0000, 0.0000,
0.1192

■ 0.0000, 0.0000,
0.0000

■ 52.8218, 51.4301,
63.6429

■ 52.8218, 51.4301,
63.6429

■ 48.7654, 43.5105,
61.6934

■ 57.4931, 60.5766,
65.8025

■ 45.2934, 36.7591,
59.9420

■ 62.7992, 70.9924,
68.1771

■ 42.3793, 31.1223,
58.3806

■ 68.7648, 82.7258,
70.7755

■ 39.9929, 26.5397,
56.9990

■ 71.9348, 88.8666,
72.4459

■ 38.1013, 22.9453,
55.7862

■ 72.0600, 88.9167,
73.1055

■ 36.6676, 20.2656,
54.7299

■ 72.1861, 88.9671,
73.7693

■ 35.6500, 18.4167,
53.8163

■ 72.3129, 89.0179,
74.4373

■ 34.9989, 17.2995,
53.0287

■ 72.4406, 89.0689,
75.1096

■ 34.6238, 16.7332,
52.3370

■ 72.5691, 89.1203,
75.7863

Harmonies

Analogous

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



50.9569, 51.4301, 68.6873



52.8218, 51.4301, 63.6429



53.6303, 51.4301, 56.8473

Triad

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



52.8218, 51.4301, 63.6429



49.1782, 51.4301, 43.8267



44.8656, 51.4301, 62.0634

Complementary

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



52.8218, 51.4301, 63.6429



50.1189, 56.8803, 54.2390

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.



44.4240, 51.4301, 55.1585



52.8218, 51.4301, 63.6429



46.8657, 51.4301, 44.9775

Square

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



52.8218, 51.4301, 63.6429



51.4837, 51.4301, 45.7111



45.1446, 51.4301, 48.9924



46.3709, 51.4301, 67.7243

Rectangle

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



52.8218, 51.4301, 63.6429



53.4426, 51.4301, 52.3662



45.1446, 51.4301, 48.9924



44.5900, 51.4301, 59.7953

Sweetspot

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



52.8233, 51.4323, 63.6440



92.5964, 95.1912, 107.7785



48.0494, 48.9575, 64.0448



19.6826, 20.1067, 23.0061



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.



52.8233, 51.4323, 63.6440



85.8078, 81.9084, 104.6085



51.6697, 50.9709, 57.5690



11.6624, 11.3937, 14.0227



21.7987, 10.5301, 32.9882



1.1322, 0.5463, 1.7419

Inverse Universe

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



52.8233, 51.4323, 63.6440



85.8078, 81.9084, 104.6085



51.2121, 57.3175, 59.9957



11.6624, 11.3937, 14.0227



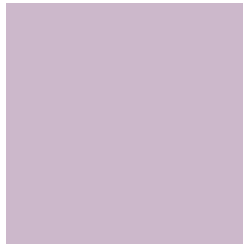
21.7987, 10.5301, 32.9882



1.1322, 0.5463, 1.7419

Previews

White Background



This preview shows how the XYZ color 52.8218, 51.4301, 63.6429 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 52.8218, 51.4301, 63.6429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

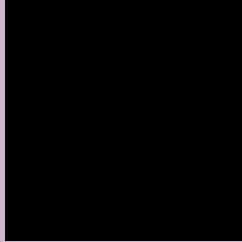
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8218, 51.4301, 63.6429

Background



This preview shows how black text looks on a background with the XYZ color 52.8218, 51.4301, 63.6429.



This preview shows how white text looks on a background with the XYZ color 52.8218, 51.4301,

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

52.8218, 51.4301, 63.6429

Protanopia

50.3244, 51.6702, 65.7135

Deuteranopia

52.7571, 51.7062, 63.6996



Tritanopia

52.2864, 51.5180, 61.2210

Trichromacy



Original Color

52.8218, 51.4301, 63.6429

Protanomaly

51.0379, 51.4178, 64.9922

Deuteranomaly

52.7571, 51.7062, 63.6996

Tritanomaly

52.4029, 51.5646, 61.8346

Monochromacy



Original Color

52.8218, 51.4301, 63.6429

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 52.8218, 51.4301, 63.6429 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.8218, 51.4301, 63.6429 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, 203) }
```


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

```
.border{ border-color:rgb(204, 184, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8218, 51.4301, 63.6429 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, 203) }
```

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

```
.background{ background-color: rgb(204,  
184, 203) }
```

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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