

Converting Colors

XYZ(52.3942, 54.7191, 50.7245)

Have a look what the booklet for
XYZ(52.3942, 54.7191, 50.7245)
contains.

XYZ(52.4318, 54.7162, 50.9779)	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(52.4318, 54.7162,
50.9779)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC2B4
RGB	204, 194, 180
RGB Percent	80%, 76%, 71%
CMY	0.2000, 0.2392, 0.2941
CMYK	0.00, 0.05, 0.12, 0.20
HSL	35°, 19%, 75%
HSV	35°, 12%, 80%
XYZ	52.4318, 54.7162, 50.9779
YIQ	195.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

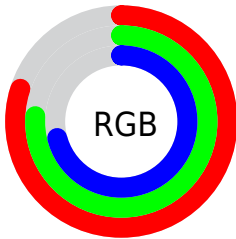
Format	Color
RYB	197, 204, 180
Decimal	13419188
CIELab	78.88, 1.11, 8.28
CIELCh	79, 8.357, 82.348
Yxy	54.7162, 0.3316, 0.3460
Android (android.graphics.Color)	4291609268 (0xFFCCC2B4)
YUV	195.3940, -7.5892, 7.5475
Hunter-Lab	73.9704, -2.9236, 10.9186

Details

The XYZ color **52.4318, 54.7162, 50.9779** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1348, 50.8889, 64.4127**, and the grayscale version is **52.1475, 54.8632, 59.7460**.

A 20% lighter version of the original color is **90.5659, 95.6873, 93.0530**, and **25.7865, 26.7725, 23.8872** is the 20% darker color. If you saturate the color by 10%, you get **48.6679, 50.2726, 40.2137**, and if you desaturate by 10%, it is **56.6128, 59.5033, 63.3915**.

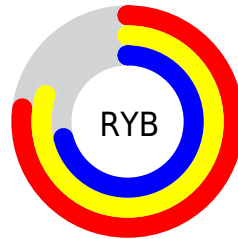
Distribution



Red (80%)

Green (76%)

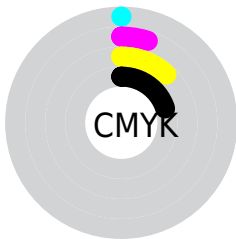
Blue (71%)



Red (77%)

Yellow (80%)

Blue (71%)

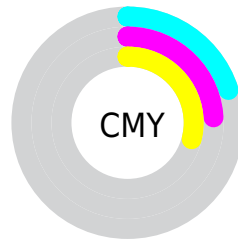


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4318, 54.7162, 50.9779 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 52.4318, 54.7162, 50.9779 by changing the saturation by 10% instead.

■ 52.4318, 54.7162,
50.9779

■ 52.4318, 54.7162,
50.9779

386.3980,
404.8352, 407.3220

■ 37.5750, 39.1745,
35.8144

■ 92.9382, 97.1250,
93.0333

■ 25.8287, 26.8955,
24.0023

119.3185,
124.7610, 120.7622

■ 16.8276, 17.4948,
15.1231

150.2708,
157.1972, 153.5168

■ 10.2062, 10.5879,
8.7583

186.1603,
194.8180, 191.7154

■ 5.5992, 5.7905,
4.4892

227.3524,
238.0078, 235.7767

■ 2.6413, 2.7181,
1.8974

274.2125,

■ 0.9670, 0.9864,

287.1510, 286.1193

0.4911

327.1059,
342.6320, 343.1615

■ 0.0000, 0.0000,
0.0000

■ 52.4318, 54.7162,
50.9779

■ 52.4318, 54.7162,
50.9779

■ 48.6679, 50.2726,
40.2137

■ 56.6128, 59.5033,
63.3915

■ 45.3014, 46.1563,
31.0248

■ 61.2206, 64.6350,
77.5173

■ 42.3178, 42.3604,
23.3363

■ 66.2702, 70.1221,
93.4193

■ 39.6996, 38.8749,
17.0661

■ 70.6931, 75.5397,
105.4624

■ 37.4280, 35.6891,
12.1240

■ 73.0883, 80.3299,
106.2608

■ 35.4819, 32.7914,
8.4093

■ 75.5999, 85.3532,
107.0980

■ 33.8374, 30.1689,
5.8066

■ 78.2295, 90.6125,
107.9746

■ 32.4666, 27.8071,
4.1783

■ 78.7120, 91.5775,
108.1354

■ 31.5029, 26.0392,
3.3657

Harmonies

Analogous

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



53.9780, 54.7162, 52.6362



52.4318, 54.7162, 50.9779



50.8033, 54.7162, 51.5246

Triad

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



52.4318, 54.7162, 50.9779



49.1128, 54.7162, 63.1161



54.5713, 54.7162, 65.3300

Complementary

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



52.4318, 54.7162, 50.9779



48.1348, 50.8889, 64.4127

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.



53.2277, 54.7162, 68.4267



52.4318, 54.7162, 50.9779



50.0828, 54.7162, 67.1019

Square

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



52.4318, 54.7162, 50.9779



48.9100, 54.7162, 58.3690



51.5827, 54.7162, 69.0917



55.2302, 54.7162, 60.8008

Rectangle

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



52.4318, 54.7162, 50.9779



49.8879, 54.7162, 53.0801



51.5827, 54.7162, 69.0917



54.1834, 54.7162, 66.5827

Sweetspot

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



52.4333, 54.7186, 50.9791



92.1106, 96.6797, 100.0325



50.5180, 49.1984, 55.5495



19.5999, 20.5620, 21.0652



0.0000, 0.0000, 0.0000



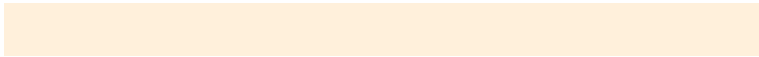
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.4333, 54.7186, 50.9791



85.2644, 88.7876, 79.8689



54.1887, 59.0381, 51.7203



11.7470, 12.2830, 11.8312



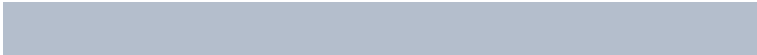
19.9219, 16.5768, 2.1496



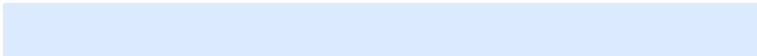
1.1016, 1.0029, 0.1355

Inverse Universe

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



48.1348, 50.8889, 64.4127



76.8247, 81.2686, 106.2451



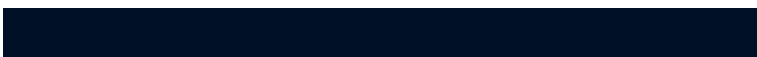
46.5125, 46.9481, 63.7376



10.9792, 11.5989, 14.2305



8.9903, 7.0046, 36.8344



0.5382, 0.5101, 1.9250

Previews

White Background



This preview shows how the XYZ color 52.4318, 54.7162, 50.9779 looks on a white background.

Color Contrast Check

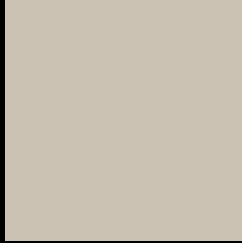
Large Text (above 18pt) WCAG AA × Fail

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 52.4318, 54.7162, 50.9779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

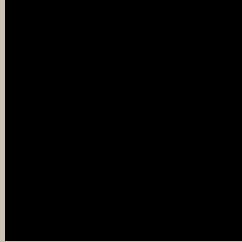
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

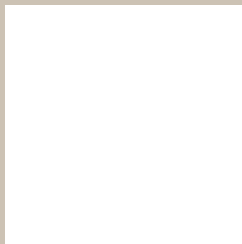
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4318, 54.7162, 50.9779

Background



This preview shows how black text looks on a background with the XYZ color 52.4318, 54.7162, 50.9779.

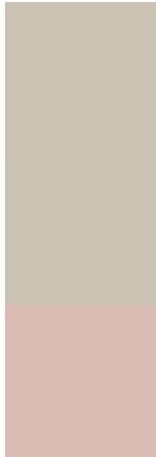


This preview shows how white text looks on a background with the XYZ color 52.4318, 54.7162,

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

52.4318, 54.7162, 50.9779

Protanopia

52.1104, 54.8821, 51.0268

Deuteranopia

55.5371, 54.3627, 51.2820



Tritanopia

55.1650, 54.5001, 65.3697

Trichromacy



Original Color

52.4318, 54.7162, 50.9779

Protanomaly

52.3819, 55.0220, 51.0395

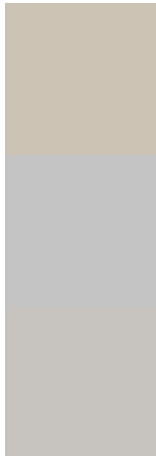
Deuteranomaly

54.4855, 54.4592, 51.3561

Tritanomaly

54.0482, 54.3689, 59.8702

Monochromacy



Original Color

52.4318, 54.7162, 50.9779

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.0981, 54.7537, 56.5379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4318, 54.7162, 50.9779 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, 194, 180) looks like.

```
.text, #text, p{  
    color:rgb(204, 194, 180)  
}
```

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, 194, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 194, 180) }
```

Border

The CSS property to change the border of an element to XYZ 52.4318, 54.7162, 50.9779 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, 194, 180) }
```


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

```
.border{ border-color:rgb(204, 194, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 194, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 194, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 194, 180);  
box-shadow:4px 4px 4px 4px rgb(204, 194,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4318, 54.7162, 50.9779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 194, 180) }
```

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

```
.background{ background-color: rgb(204,  
194, 180) }
```

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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