

Converting Colors

XYZ(54.4355, 58.5608, 52.3746)

Have a look what the booklet for
XYZ(54.4355, 58.5608, 52.3746)
contains.

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Color

**XYZ(54.3629, 58.4146,
52.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCAB5
RGB	204, 202, 181
RGB Percent	80%, 79%, 71%
CMY	0.2000, 0.2078, 0.2902
CMYK	0.00, 0.01, 0.11, 0.20
HSL	55°, 18%, 75%
HSV	55°, 11%, 80%
XYZ	54.3629, 58.4146, 52.1260
YIQ	200.2040, 7.9330, -6.1070

Conversions

Conversions Part 2

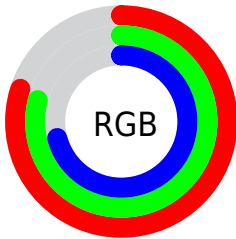
Format	Color
RYB	183, 204, 181
Decimal	13421237
CIELab	80.97, -2.93, 10.73
CIElCh	81, 11.123, 105.259
Yxy	58.4146, 0.3297, 0.3542
Android (android.graphics.Color)	4291611317 (0xFFCCCB5)
YUV	200.2040, -9.4676, 3.3291
Hunter-Lab	76.4294, -6.7877, 13.0640

Details

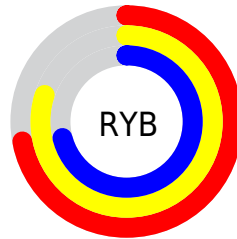
The XYZ color **54.3629, 58.4146, 52.1260** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.8887, 48.0497, 63.9307**, and the grayscale version is **55.0798, 57.9483, 63.1057**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **27.0639, 29.2224, 24.6361** is the 20% darker color. If you saturate the color by 10%, you get **52.0087, 56.8139, 41.7593**, and if you desaturate by 10%, it is **57.0316, 60.1526, 64.1112**.

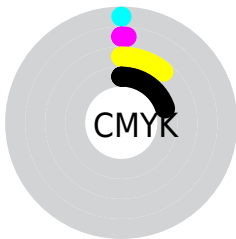
Distribution



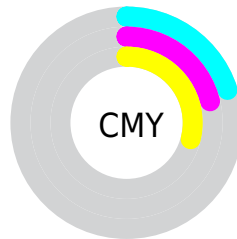
- Red (80%)
- Green (79%)
- Blue (71%)



- Red (72%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3629, 58.4146, 52.1260 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 54.3629, 58.4146, 52.1260 by changing the saturation by 10% instead.

■ 54.3629, 58.4146,
52.1260

■ 54.3629, 58.4146,
52.1260

393.6682,
418.7291, 411.8936

■ 39.1237, 42.1421,
36.7226

■ 95.7607, 102.5264,
94.7455

■ 27.0371, 29.2125,
24.6987

122.6499,
131.1344, 122.7987

■ 17.7378, 19.2417,
15.6357

154.1532,
164.6230, 155.9055

■ 10.8605, 11.8450,
9.1152

190.6360,
203.3766, 194.4846

■ 6.0397, 6.6382,
4.7186

232.4635,
247.7796, 238.9544

■ 2.9101, 3.2369,
2.0273

280.0011,

■ 1.1064, 1.2566,

298.2165, 289.7334

0.5720

333.6142,
355.0715, 347.2404

■ 0.0305, 0.1072,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3629, 58.4146,
52.1260

■ 54.3629, 58.4146,
52.1260

■ 52.0087, 56.8139,
41.7593

■ 57.0316, 60.1526,
64.1112

■ 49.9509, 55.3375,
32.9374

■ 60.0226, 62.0252,
77.7766

■ 48.1769, 53.9821,
25.5865

■ 63.3491, 64.0397,
93.1856

■ 46.6713, 52.7416,
19.6255

■ 65.7740, 65.7013,
103.8227

■ 45.4171, 51.6093,
14.9652

■ 66.2111, 66.5754,
103.9684

■ 44.3954, 50.5774,
11.5061

■ 66.6530, 67.4593,
104.1157

■ 43.5846, 49.6374,
9.1346

■ 67.0998, 68.3528,
104.2646

■ 42.9588, 48.7788,
7.7148

■ 67.5514, 69.2561,
104.4152

■ 42.5234, 48.0800,
7.0391

■ 68.0080, 70.1692,
104.5674

Harmonies

Analogous

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



56.6568, 58.4146, 52.1000



54.3629, 58.4146, 52.1260



52.4321, 58.4146, 55.0799

Triad

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



54.3629, 58.4146, 52.1260



52.4594, 58.4146, 73.0531



59.9192, 58.4146, 66.8886

Complementary

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



54.3629, 58.4146, 52.1260



46.8887, 48.0497, 63.9307

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.



58.7296, 58.4146, 72.9641



54.3629, 58.4146, 52.1260



54.4011, 58.4146, 76.6869

Square

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



54.3629, 58.4146, 52.1260



51.3539, 58.4146, 67.0034



56.6961, 58.4146, 76.6532



59.9083, 58.4146, 60.3207

Rectangle

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



54.3629, 58.4146, 52.1260



51.5922, 58.4146, 58.4374



56.6961, 58.4146, 76.6532



59.6450, 58.4146, 69.0656

Sweetspot

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



54.3645, 58.4172, 52.1273



93.6311, 99.0941, 102.4713



50.0050, 49.3174, 51.8481



19.9615, 21.1592, 21.5746



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.



54.3645, 58.4172, 52.1273



88.8452, 95.9493, 81.0625



52.3882, 58.0982, 52.1698



12.0674, 12.9236, 11.9379



26.7988, 30.3306, 4.4419



1.4076, 1.6148, 0.2375

Inverse Universe

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



46.8887, 48.0497, 63.9307



73.5810, 74.7811, 105.1638



48.7090, 48.3812, 63.8987



10.6787, 10.9979, 14.1303



7.0223, 3.0686, 36.1784



0.3899, 0.2136, 1.8756

Previews

White Background



This preview shows how the XYZ color 54.3629, 58.4146, 52.1260 looks on a white background.

Color Contrast Check

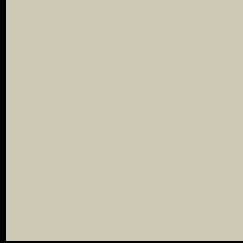
Large Text (above 18pt) WCAG AA × Fail

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 54.3629, 58.4146, 52.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

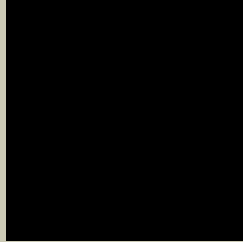
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

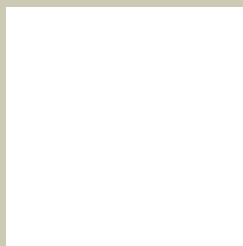
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3629, 58.4146, 52.1260

Background



This preview shows how black text looks on a background with the XYZ color 54.3629, 58.4146, 52.1260.



This preview shows how white text looks on a background with the XYZ color 54.3629, 58.4146,

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

54.3629, 58.4146, 52.1260

Protanopia

55.1870, 58.1592, 51.4972

Deuteranopia

59.5176, 58.3334, 52.9223



Tritanopia

58.2710, 58.2919, 71.1310

Trichromacy



Original Color

54.3629, 58.4146, 52.1260

Protanomaly

54.8570, 58.3340, 51.5483

Deuteranomaly

57.6232, 58.3700, 52.4854

Tritanomaly

56.6982, 58.3293, 63.5287

Monochromacy



Original Color

54.3629, 58.4146, 52.1260

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5997, 58.0411, 58.7774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3629, 58.4146, 52.1260 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, 202, 181)` looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 181)  
}
```

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, 202, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 181) }
```

Border

The CSS property to change the border of an element to XYZ 54.3629, 58.4146, 52.1260 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, 202, 181) }
```


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

```
.border{ border-color:rgb(204, 202, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 202, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 181);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3629, 58.4146, 52.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 181) }
```

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

```
.background{ background-color: rgb(204,  
202, 181) }
```

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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