

Converting Colors

XYZ(52.2118, 54.3602, 57.1295)

Have a look what the booklet for
XYZ(52.2118, 54.3602, 57.1295)
contains.

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Color

**XYZ(52.2489, 54.4873,
57.0535)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C2BF
RGB	199, 194, 191
RGB Percent	78%, 76%, 75%
CMY	0.2196, 0.2392, 0.2510
CMYK	0.00, 0.03, 0.04, 0.22
HSL	23°, 7%, 76%
HSV	23°, 4%, 78%
XYZ	52.2489, 54.4873, 57.0535
YIQ	195.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

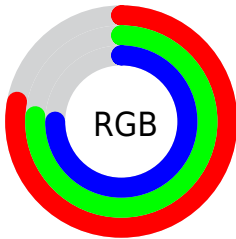
Format	Color
RYB	199, 196, 191
Decimal	13091519
CIELab	78.75, 1.21, 2.11
CIElCh	79, 2.434, 60.289
Yxy	54.4873, 0.3190, 0.3327
Android (android.graphics.Color)	4291281599 (0xFFC7C2BF)
YUV	195.1530, -2.0474, 3.3738
Hunter-Lab	73.8155, -2.8293, 5.8444

Details

The XYZ color **52.2489, 54.4873, 57.0535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5344, 54.6787, 61.8712**, and the grayscale version is **51.9744, 54.6811, 59.5477**.

A 20% lighter version of the original color is **92.2141, 96.3466, 101.7322**, and **25.6426, 26.6109, 27.8297** is the 20% darker color. If you saturate the color by 10%, you get **47.5552, 48.3692, 45.4085**, and if you desaturate by 10%, it is **57.4747, 61.1919, 70.3453**.

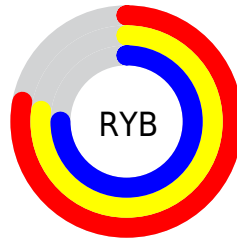
Distribution



Red (78%)

Green (76%)

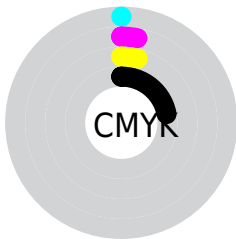
Blue (75%)



Red (78%)

Yellow (77%)

Blue (75%)

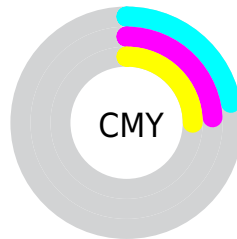


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2489, 54.4873, 57.0535 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 52.2489, 54.4873, 57.0535 by changing the saturation by 10% instead.

■ 52.2489, 54.4873,
57.0535

■ 52.2489, 54.4873,
57.0535

385.7049,
403.9655, 431.1491

■ 37.4286, 38.9914,
40.6385

■ 92.6703, 96.7894,
102.0444

■ 25.7147, 26.7530,
27.7192

119.0020,
124.3643, 131.4573

■ 16.7419, 17.3878,
17.8769

149.9016,
156.7344, 166.0401

■ 10.1448, 10.5114,
10.6931

185.7344,
194.2840, 206.2111

■ 5.5581, 5.7393,
5.7493

226.8658,
237.3975, 252.3890

■ 2.6164, 2.6872,
2.6269

273.6611,

■ 0.9543, 0.9707,

286.4593, 304.9923

0.9063

326.4857,
341.8539, 364.4395

■ 0.0000, 0.0000,
0.0000

■ 52.2489, 54.4873,
57.0535

■ 52.2489, 54.4873,
57.0535

■ 47.5552, 48.3692,
45.4085

■ 57.4747, 61.1919,
70.3453

■ 43.3713, 42.8144,
35.3420

■ 63.2445, 68.4912,
85.3412

■ 39.6803, 37.8086,
26.7863

■ 69.5760, 76.4025,
102.1005

■ 36.4624, 33.3340,
19.6673

■ 73.8692, 83.8938,
106.9075

■ 33.6963, 29.3719,
13.9046

■ 77.3634, 90.8822,
108.0723

■ 31.3590, 25.9026,
9.4097

■ 29.4250, 22.9045,
6.0837

■ 27.8659, 20.3543,
3.8124

■ 26.6479, 18.2260,
2.4581

Harmonies

Analogous

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



52.5923, 54.4873, 57.9997



52.2489, 54.4873, 57.0535



51.7839, 54.4873, 56.7145

Triad

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



52.2489, 54.4873, 57.0535



50.8680, 54.4873, 59.3408



52.2570, 54.4873, 61.6472

Complementary

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



52.2489, 54.4873, 57.0535



51.5344, 54.6787, 61.8712

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.



51.7932, 54.4873, 62.0194



52.2489, 54.4873, 57.0535



50.9930, 54.4873, 60.6752

Square

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



52.2489, 54.4873, 57.0535



50.9884, 54.4873, 58.0226



51.3309, 54.4873, 61.6609



52.5971, 54.4873, 60.6517

Rectangle

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



52.2489, 54.4873, 57.0535



51.4681, 54.4873, 56.8743



51.3309, 54.4873, 61.6609



52.1103, 54.4873, 61.8501

Sweetspot

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



52.2504, 54.4897, 57.0547



94.1362, 98.8249, 106.5834



52.1560, 53.3930, 59.8219



20.1587, 21.1650, 22.8377



0.0000, 0.0000, 0.0000



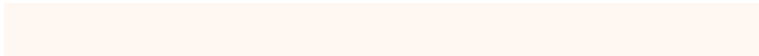
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2504, 54.4897, 57.0547



90.5768, 94.2302, 97.6157



53.1366, 56.2620, 57.3501



11.3498, 11.7923, 12.1464



16.8288, 11.1748, 1.2700



0.8663, 0.6680, 0.0833

Inverse Universe

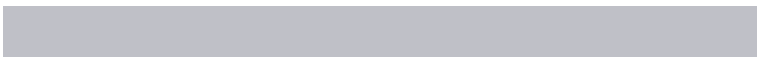
The Inverse Universe completely reimagines the original color for something new.



51.5344, 54.6787, 61.8712



89.0056, 94.6450, 108.1850



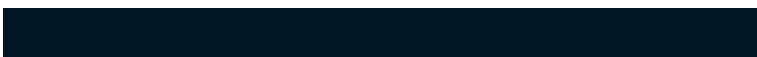
50.6597, 52.9292, 61.5797



11.1310, 11.8501, 13.6181



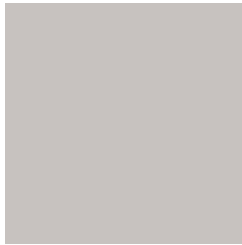
11.3726, 12.1391, 36.4880



0.6065, 0.7107, 1.7504

Previews

White Background



This preview shows how the XYZ color 52.2489, 54.4873, 57.0535 looks on a white background.

Color Contrast Check

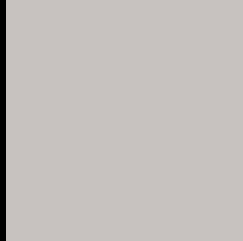
Large Text (above 18pt) WCAG AA × Fail

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 52.2489, 54.4873, 57.0535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

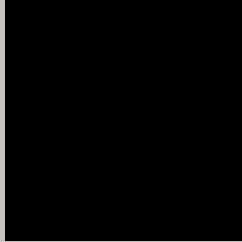
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

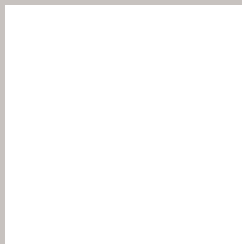
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2489, 54.4873, 57.0535

Background



This preview shows how black text looks on a background with the XYZ color 52.2489, 54.4873, 57.0535.



This preview shows how white text looks on a background with the XYZ color 52.2489, 54.4873,

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

52.2489, 54.4873, 57.0535

Protanopia

52.2489, 54.4873, 57.0535

Deuteranopia

55.7364, 54.6480, 57.4797



Tritanopia

54.1995, 54.6218, 66.7179

Trichromacy



Original Color

52.2489, 54.4873, 57.0535

Protanomaly

52.2489, 54.4873, 57.0535

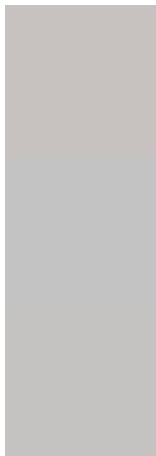
Deuteranomaly

54.4397, 54.6227, 57.5431

Tritanomaly

53.4320, 54.6363, 62.9880

Monochromacy



Original Color

52.2489, 54.4873, 57.0535

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.0177, 54.6610, 58.8479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2489, 54.4873, 57.0535 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(199, 194, 191)` looks like.

```
.text, #text, p{  
    color:rgb(199, 194, 191)  
}
```

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(199, 194, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 194, 191) }
```

Border

The CSS property to change the border of an element to XYZ 52.2489, 54.4873, 57.0535 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(199, 194, 191) }
```


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

```
.border{ border-color:rgb(199, 194, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 194, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 194, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 194, 191);  
box-shadow:4px 4px 4px 4px rgb(199, 194,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2489, 54.4873, 57.0535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 194, 191) }
```

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

```
.background{ background-color: rgb(199,  
194, 191) }
```

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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