

Converting Colors

XYZ(51.3199, 54.6934, 56.4072)

Have a look what the booklet for
XYZ(51.3199, 54.6934, 56.4072)
contains.

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Color

**XYZ(51.2823, 54.6669,
56.5641)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C4BE
RGB	194, 196, 190
RGB Percent	76%, 77%, 75%
CMY	0.2392, 0.2314, 0.2549
CMYK	0.01, 0.00, 0.03, 0.23
HSL	80°, 5%, 76%
HSV	80°, 3%, 77%
XYZ	51.2823, 54.6669, 56.5641
YIQ	194.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

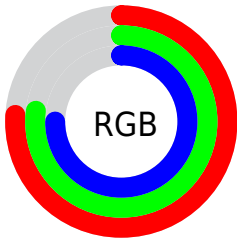
Format	Color
RYB	190, 196, 192
Decimal	12764350
CIELab	78.85, -1.78, 2.76
CIELCh	79, 3.283, 122.906
Yxy	54.6669, 0.3156, 0.3364
Android (android.graphics.Color)	4290954430 (0xFFC2C4BE)
YUV	194.7180, -2.3260, -0.6297
Hunter-Lab	73.9371, -5.5834, 6.3973

Details

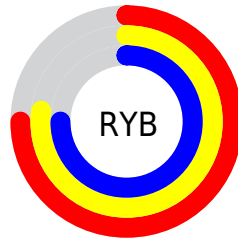
The XYZ color **51.2823, 54.6669, 56.5641** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1177, 52.0204, 59.6269**, and the grayscale version is **51.7184, 54.4117, 59.2544**.

A 20% lighter version of the original color is **91.1842, 97.2284, 101.1498**, and **25.0036, 26.7276, 27.5080** is the 20% darker color. If you saturate the color by 10%, you get **47.6407, 53.0223, 45.9528**, and if you desaturate by 10%, it is **55.2891, 56.4696, 68.6987**.

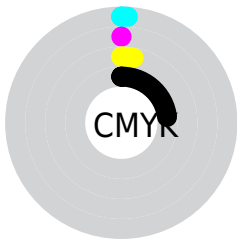
Distribution



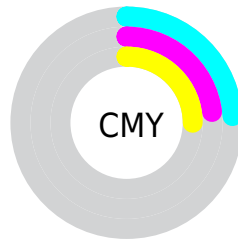
- Red (76%)
- Green (77%)
- Blue (75%)



- Red (75%)
- Yellow (77%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2823, 54.6669, 56.5641 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 51.2823, 54.6669, 56.5641 by changing the saturation by 10% instead.

■ 51.2823, 54.6669,
56.5641

■ 51.2823, 54.6669,
56.5641

382.0292,
404.6480, 429.2618

■ 36.6553, 39.1351,
40.2483

■ 91.2524, 97.0527,
101.3229

■ 25.1132, 26.8648,
27.4170

117.3263,
124.6756, 130.6030

■ 16.2906, 17.4717,
17.6514

147.9464,
157.0975, 165.0416

■ 9.8221, 10.5714,
10.5332

183.4782,
194.7030, 205.0574

■ 5.3426, 5.7794,
5.6437

224.2870,
237.8764, 251.0687

■ 2.4864, 2.7114,
2.5644

270.7382,

■ 0.8884, 0.9830,

287.0021, 303.4942

0.8740

323.1972,
342.4645, 362.7524

■ 0.0000, 0.0000,
0.0000

■ 51.2823, 54.6669,
56.5641

■ 51.2823, 54.6669,
56.5641

■ 47.6407, 53.0223,
45.9528

■ 55.2891, 56.4696,
68.6987

■ 44.3473, 51.5236,
36.8010

■ 59.6681, 58.4281,
82.4099

■ 41.3905, 50.1679,
29.0457

■ 64.4320, 60.5494,
97.7527

■ 38.7563, 48.9495,
22.6181

■ 67.3575, 61.9441,
103.0140

■ 36.4294, 47.8620,
17.4433

■ 69.3786, 62.9860,
103.1086

■ 34.3932, 46.8988,
13.4390

■ 71.4780, 64.0683,
103.2069

■ 32.6292, 46.0524,
10.5131

■ 73.6567, 65.1915,
103.3088

■ 31.1162, 45.3141,
8.5599

■ 75.9155, 66.3559,
103.4145

■ 29.8290, 44.6737,
7.4520

■ 78.2551, 67.5620,
103.5240

Harmonies

Analogous

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



51.8958, 54.6669, 56.0145



51.2823, 54.6669, 56.5641



50.8530, 54.6669, 57.9053

Triad

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



51.2823, 54.6669, 56.5641



51.3913, 54.6669, 62.7713



53.2192, 54.6669, 59.3415

Complementary

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



51.2823, 54.6669, 56.5641



50.1177, 52.0204, 59.6269

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.



53.0814, 54.6669, 61.1704



51.2823, 54.6669, 56.5641



52.0227, 54.6669, 63.1749

Square

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



51.2823, 54.6669, 56.5641



50.9156, 54.6669, 61.4915



52.6421, 54.6669, 62.5832



53.0171, 54.6669, 57.5969

Rectangle

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



51.2823, 54.6669, 56.5641



50.7272, 54.6669, 59.0814



52.6421, 54.6669, 62.5832



53.2111, 54.6669, 59.9667

Sweetspot

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



51.2838, 54.6693, 56.5653



94.3297, 99.6758, 106.7374



50.9108, 53.1546, 56.2926



20.1980, 21.3381, 22.8690



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.



51.2838, 54.6693, 56.5653



92.2095, 98.7204, 100.4212



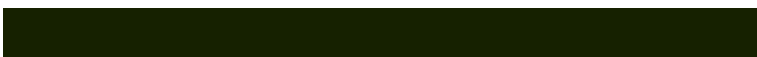
50.5218, 54.2764, 56.5296



10.9484, 11.7527, 11.8293



18.7508, 28.4952, 4.5119



0.8808, 1.2676, 0.1982

Inverse Universe

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



50.1177, 52.0204, 59.6269



89.4259, 92.3977, 107.7290



50.8849, 52.4159, 59.6628



10.5675, 10.8874, 12.8293



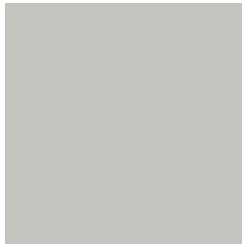
7.9032, 3.3347, 33.7837



0.4155, 0.1822, 1.4632

Previews

White Background



This preview shows how the XYZ color 51.2823, 54.6669, 56.5641 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 51.2823, 54.6669, 56.5641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

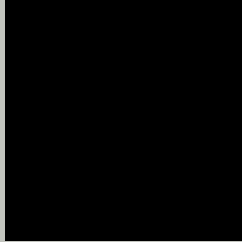
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

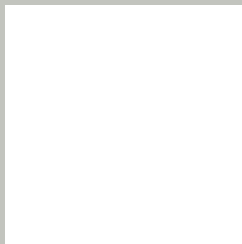
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2823, 54.6669, 56.5641

Background



This preview shows how black text looks on a background with the XYZ color 51.2823, 54.6669, 56.5641.



This preview shows how white text looks on a background with the XYZ color 51.2823, 54.6669,

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

51.2823, 54.6669, 56.5641

Protanopia

52.2965, 54.5371, 55.9145

Deuteranopia

55.6259, 54.6039, 56.8980



Tritanopia

53.4811, 54.5643, 67.3877

Trichromacy



Original Color

51.2823, 54.6669, 56.5641

Protanomaly

51.9891, 54.7101, 55.9641

Deuteranomaly

53.9857, 54.7263, 57.0081

Tritanomaly

52.5994, 54.5364, 63.0126

Monochromacy



Original Color

51.2823, 54.6669, 56.5641

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6464, 54.4826, 58.2462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2823, 54.6669, 56.5641 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(194, 196, 190)` looks like.

```
.text, #text, p{  
    color:rgb(194, 196, 190)  
}
```

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(194, 196, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 190) }
```

Border

The CSS property to change the border of an element to XYZ 51.2823, 54.6669, 56.5641 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(194, 196, 190) }
```


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

```
.border{ border-color:rgb(194, 196, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 196, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 196, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 196, 190);  
box-shadow:4px 4px 4px 4px rgb(194, 196,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2823, 54.6669, 56.5641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 196, 190) }
```

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

```
.background{ background-color: rgb(194,  
196, 190) }
```

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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