

Converting Colors

XYZ(51.4394, 53.6508, 57.7604)

Have a look what the booklet for
XYZ(51.4394, 53.6508, 57.7604)
contains.

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Color

**XYZ(51.3493, 53.6815,
57.5243)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C1C0
RGB	196, 193, 192
RGB Percent	77%, 76%, 75%
CMY	0.2314, 0.2431, 0.2471
CMYK	0.00, 0.02, 0.02, 0.23
HSL	15°, 3%, 76%
HSV	15°, 2%, 77%
XYZ	51.3493, 53.6815, 57.5243
YIQ	193.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

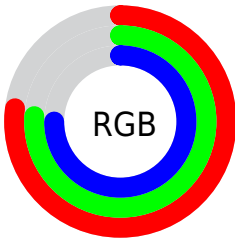
Format	Color
RYB	196, 193, 192
Decimal	12894656
CIELab	78.28, 0.87, 0.86
CIELCh	78, 1.222, 44.913
Yxy	53.6815, 0.3159, 0.3302
Android (android.graphics.Color)	4291084736 (0xFFC4C1C0)
YUV	193.7830, -0.8790, 1.9443
Hunter-Lab	73.2677, -3.1175, 4.7373

Details

The XYZ color **51.3493, 53.6815, 57.5243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2170, 54.2212, 59.9914**, and the grayscale version is **51.1553, 53.8194, 58.6093**.

A 20% lighter version of the original color is **91.3270, 95.4113, 102.4097**, and **25.1936, 26.3710, 28.1884** is the 20% darker color. If you saturate the color by 10%, you get **46.2349, 46.6994, 45.8091**, and if you desaturate by 10%, it is **57.0782, 61.4284, 70.8726**.

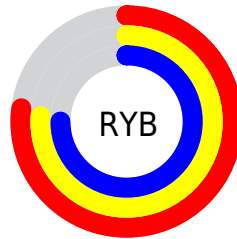
Distribution



Red (77%)

Green (76%)

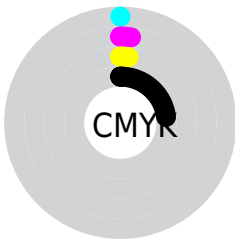
Blue (75%)



Red (77%)

Yellow (76%)

Blue (75%)

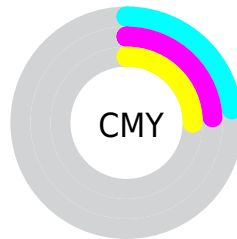


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3493, 53.6815, 57.5243 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 51.3493, 53.6815, 57.5243 by changing the saturation by 10% instead.

■ 51.3493, 53.6815,
57.5243

■ 51.3493, 53.6815,
57.5243

382.2847,
400.8943, 432.9597

■ 36.7088, 38.3471,
41.0142

■ 91.3508, 95.6064,
102.7377

■ 25.1548, 26.2522,
28.0104

117.4426,
122.9658, 132.2781

■ 16.3218, 17.0124,
18.0944

148.0822,
155.1022, 166.9990

■ 9.8444, 10.2433,
10.8476

183.6349,
192.4000, 207.3189

■ 5.3574, 5.5606,
5.8516

224.4662,
235.2438, 253.6564

■ 2.4953, 2.5798,
2.6877

270.9413,

■ 0.8929, 0.9165,

284.0178, 306.4300

0.9372

323.4257,
339.1065, 366.0582

■ 0.0000, 0.0000,
0.0000

■ 51.3493, 53.6815,
57.5243

■ 51.3493, 53.6815,
57.5243

■ 46.2349, 46.6994,
45.8091

■ 57.0782, 61.4284,
70.8726

■ 41.7099, 40.4519,
35.6606

■ 63.4368, 69.9555,
85.9099

■ 37.7537, 34.9169,
27.0130

■ 70.4454, 79.2861,
102.6938

■ 34.3433, 30.0687,
19.7945

■ 75.5417, 88.4088,
107.6909

■ 31.4535, 25.8799,
13.9274

■ 76.5752, 90.4759,
108.0354

■ 29.0575, 22.3212,
9.3265

■ 27.1257, 19.3613,
5.8968

■ 25.6251, 16.9655,
3.5298

■ 24.5174, 15.0955,
2.0962

Harmonies

Analogous

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



51.4687, 53.6815, 58.1115



51.3493, 53.6815, 57.5243



51.1426, 53.6815, 57.1865

Triad

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



51.3493, 53.6815, 57.5243



50.5795, 53.6815, 58.1076



51.1412, 53.6815, 59.7331

Complementary

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



51.3493, 53.6815, 57.5243



51.2170, 54.2212, 59.9914

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.



50.9029, 53.6815, 59.7320



51.3493, 53.6815, 57.5243



50.5792, 53.6815, 58.7899

Square

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



51.3493, 53.6815, 57.5243



50.6984, 53.6815, 57.5215



50.6974, 53.6815, 59.3856



51.3483, 53.6815, 59.3885

Rectangle

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



51.3493, 53.6815, 57.5243



50.9832, 53.6815, 57.1465



50.6974, 53.6815, 59.3856



51.0621, 53.6815, 59.7732

Sweetspot

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



51.3508, 53.6838, 57.5255



94.0358, 98.6242, 106.5499



51.4656, 53.3759, 59.2204



20.1382, 21.1241, 22.8308



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.



51.3508, 53.6838, 57.5255



93.0330, 97.2626, 104.2305



51.7951, 54.5724, 57.6736



11.1157, 11.6268, 12.4758



15.3968, 9.0794, 0.9410



0.7223, 0.5064, 0.0597

Inverse Universe

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



51.2170, 54.2212, 59.9914



92.7916, 98.2317, 108.6777



50.7727, 53.3327, 59.8433



11.0891, 11.7335, 12.9652



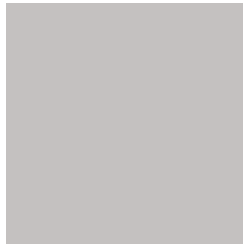
13.1595, 16.0754, 35.9659



0.6207, 0.7987, 1.5713

Previews

White Background



This preview shows how the XYZ color 51.3493, 53.6815, 57.5243 looks on a white background.

Color Contrast Check

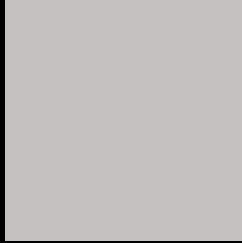
Large Text (above 18pt) WCAG AA × Fail

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 51.3493, 53.6815, 57.5243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

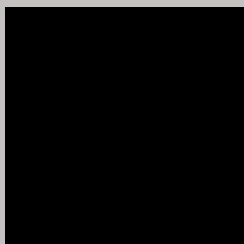
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

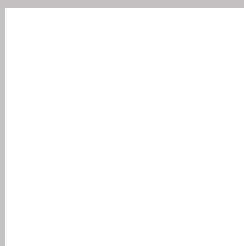
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3493, 53.6815, 57.5243

Background



This preview shows how black text looks on a background with the XYZ color 51.3493, 53.6815, 57.5243.

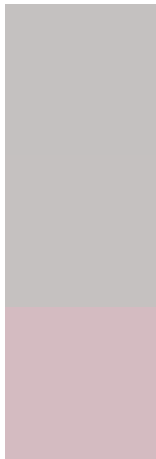


This preview shows how white text looks on a background with the XYZ color 51.3493, 53.6815,

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

51.3493, 53.6815, 57.5243

Protanopia

51.6103, 53.8160, 57.5365

Deuteranopia

54.5473, 53.3880, 57.8820



Tritanopia

53.0601, 53.7236, 65.9656

Trichromacy



Original Color

51.3493, 53.6815, 57.5243

Protanomaly

51.6103, 53.8160, 57.5365

Deuteranomaly

53.2768, 53.3673, 57.9450

Tritanomaly

52.4182, 53.7866, 62.8775

Monochromacy



Original Color

51.3493, 53.6815, 57.5243

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4231, 54.0359, 58.1718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3493, 53.6815, 57.5243 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(196, 193, 192) looks like.

```
.text, #text, p{  
    color:rgb(196, 193, 192)  
}
```

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(196, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 193, 192) }
```

Border

The CSS property to change the border of an element to XYZ 51.3493, 53.6815, 57.5243 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(196, 193, 192) }
```


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

```
.border{ border-color:rgb(196, 193, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 193, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 193,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3493, 53.6815, 57.5243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 193, 192) }
```

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

```
.background{ background-color: rgb(196,  
193, 192) }
```

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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