

Converting Colors

XYZ(51.0568, 53.7032, 57.7387)

Have a look what the booklet for
XYZ(51.0568, 53.7032, 57.7387)
contains.

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Color

**XYZ(51.0543, 53.8587,
57.5741)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C2C0
RGB	194, 194, 192
RGB Percent	76%, 76%, 75%
CMY	0.2392, 0.2392, 0.2471
CMYK	0.00, 0.00, 0.01, 0.24
HSL	60°, 2%, 76%
HSV	60°, 1%, 76%
XYZ	51.0543, 53.8587, 57.5741
YIQ	193.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

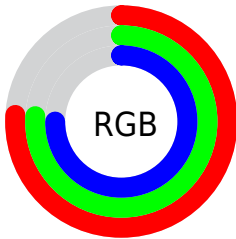
Format	Color
RYB	192, 194, 192
Decimal	12763840
CIELab	78.38, -0.36, 0.99
CIElCh	78, 1.059, 110.031
Yxy	53.8587, 0.3142, 0.3315
Android (android.graphics.Color)	4290953920 (0xFFC2C2C0)
YUV	193.7720, -0.8736, 0.2000
Hunter-Lab	73.3885, -4.2524, 4.8583

Details

The XYZ color **51.0543, 53.8587, 57.5741** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3277, 52.8023, 58.5811**, and the grayscale version is **51.1494, 53.8132, 58.6025**.

A 20% lighter version of the original color is **90.5532, 95.4725, 102.4623**, and **24.8535, 26.1957, 28.1725** is the 20% darker color. If you saturate the color by 10%, you get **49.0358, 53.0519, 46.9886**, and if you desaturate by 10%, it is **53.3593, 54.7835, 69.6544**.

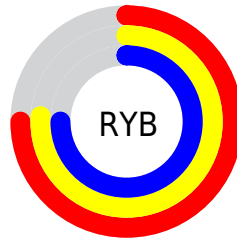
Distribution



Red (76%)

Green (76%)

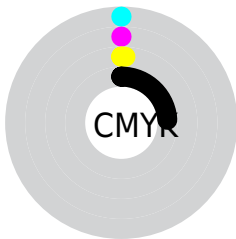
Blue (75%)



Red (75%)

Yellow (76%)

Blue (75%)

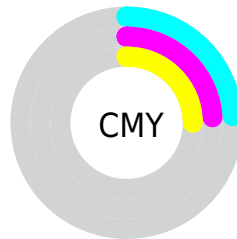


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0543, 53.8587, 57.5741 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 51.0543, 53.8587, 57.5741 by changing the saturation by 10% instead.

■ 51.0543, 53.8587,
57.5741

■ 51.0543, 53.8587,
57.5741

381.1589,
401.5710, 433.1509

■ 36.4730, 38.4887,
41.0539

■ 90.9175, 95.8667,
102.8110

■ 24.9716, 26.3622,
28.0412

116.9302,
123.2736, 132.3649

■ 16.1845, 17.0948,
18.1174

147.4841,
155.4615, 167.1003

■ 9.7465, 10.3021,
10.8640

182.9446,
192.8149, 207.4359

■ 5.2922, 5.5997,
5.8624

223.6769,
235.7181, 253.7903

■ 2.4562, 2.6033,
2.6942

270.0465,

■ 0.8732, 0.9283,

284.5556, 306.5818

0.9405

322.4187,
339.7118, 366.2292

■ 0.0000, 0.0000,
0.0000

■ 51.0543, 53.8587,
57.5741

■ 51.0543, 53.8587,
57.5741

■ 49.0358, 53.0519,
46.9886

■ 53.3593, 54.7835,
69.6544

■ 47.2881, 52.3517,
37.8364

■ 55.9566, 55.8236,
83.2808

■ 45.8012, 51.7558,
30.0571

■ 58.8576, 56.9851,
98.5064

■ 44.5624, 51.2591,
23.5844

■ 59.6302, 57.2953,
102.5240

■ 43.5581, 50.8563,
18.3467

■ 59.6400, 57.3003,
102.5244

■ 42.7734, 50.5413,
14.2656

■ 59.6497, 57.3053,
102.5249

■ 42.1918, 50.3075,
11.2534

■ 59.6595, 57.3104,
102.5254

■ 41.7942, 50.1474,
9.2103

■ 59.6692, 57.3154,
102.5258

■ 41.5580, 50.0518,
8.0174

■ 59.6790, 57.3204,
102.5263

Harmonies

Analogous

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



51.2603, 53.8587, 57.5228



51.0543, 53.8587, 57.5741



50.8854, 53.8587, 57.9107

Triad

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



51.0543, 53.8587, 57.5741



50.9348, 53.8587, 59.5246



51.5857, 53.8587, 58.8414

Complementary

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



51.0543, 53.8587, 57.5741



50.3277, 52.8023, 58.5811

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.



51.4980, 53.8587, 59.3814



51.0543, 53.8587, 57.5741



51.1219, 53.8587, 59.7776

Square

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



51.0543, 53.8587, 57.5741



50.8165, 53.8587, 59.0359



51.3281, 53.8587, 59.7250



51.5675, 53.8587, 58.2518

Rectangle

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



51.0543, 53.8587, 57.5741



50.8163, 53.8587, 58.2529



51.3281, 53.8587, 59.7250



51.5677, 53.8587, 59.0348

Sweetspot

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



51.0558, 53.8610, 57.5753



92.9021, 97.7402, 106.4391



50.6139, 52.9757, 57.4277



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



51.0558, 53.8610, 57.5753



92.5018, 97.5799, 104.3407



50.8006, 53.7294, 57.5633



11.2925, 11.9100, 12.7534



27.2482, 32.8758, 4.9095



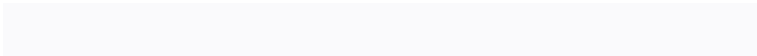
1.1780, 1.4208, 0.2122

Inverse Universe

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



50.3277, 52.8023, 58.5811



91.2040, 95.6929, 106.1334



50.5812, 52.9330, 58.5930



11.1464, 11.6975, 12.9552



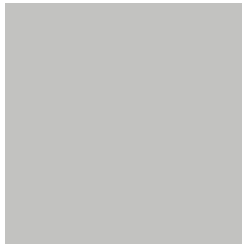
6.4061, 2.5629, 33.7137



0.2774, 0.1111, 1.4567

Previews

White Background



This preview shows how the XYZ color 51.0543, 53.8587, 57.5741 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 51.0543, 53.8587, 57.5741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

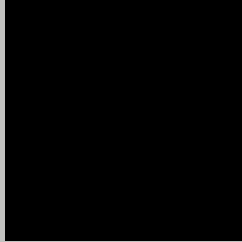
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0543, 53.8587, 57.5741

Background



This preview shows how black text looks on a background with the XYZ color 51.0543, 53.8587, 57.5741.



This preview shows how white text looks on a background with the XYZ color 51.0543, 53.8587,

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

51.0543, 53.8587, 57.5741

Protanopia

51.7626, 53.9073, 56.9672

Deuteranopia

55.0494, 53.9628, 57.9665



Tritanopia

52.8771, 53.9400, 66.6560

Trichromacy



Original Color

51.0543, 53.8587, 57.5741

Protanomaly

51.4999, 53.7718, 56.9549

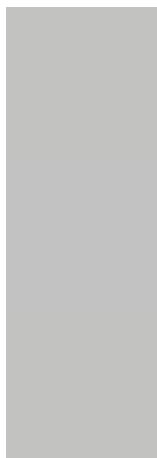
Deuteranomaly

53.4927, 53.7990, 58.0169

Tritanomaly

52.2363, 54.0063, 63.5482

Monochromacy



Original Color

51.0543, 53.8587, 57.5741

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.1656, 53.9032, 58.1597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0543, 53.8587, 57.5741 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, 194, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 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(194, 194, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 192) }
```

Border

The CSS property to change the border of an element to XYZ 51.0543, 53.8587, 57.5741 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, 194, 192) }
```

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

```
.border{ border-color:rgb(194, 194, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
192) }
```


Background

The CSS property to change the background color of an element to XYZ 51.0543, 53.8587, 57.5741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 192) }
```

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

```
.background{ background-color: rgb(194,  
194, 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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