

Converting Colors

XYZ(51.1061, 52.6514, 53.9287)

Have a look what the booklet for
XYZ(51.1061, 52.6514, 53.9287)
contains.

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Color

**XYZ(51.0958, 52.6514,
53.9241)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BEBA
RGB	200, 190, 186
RGB Percent	78%, 75%, 73%
CMY	0.2157, 0.2549, 0.2706
CMYK	0.00, 0.05, 0.07, 0.22
HSL	17°, 11%, 76%
HSV	17°, 7%, 78%
XYZ	51.0958, 52.6514, 53.9241
YIQ	192.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

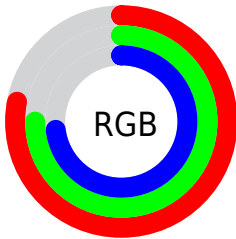
Format	Color
R _Y B	200, 192, 186
Decimal	13156026
CIE Lab	77.67, 2.81, 3.26
CIE LCh	78, 4.306, 49.258
Yxy	52.6514, 0.3241, 0.3339
Android (android.graphics.Color)	4291346106 (0xFFC8BEBA)
YUV	192.5340, -3.2213, 6.5477
Hunter-Lab	72.5613, -1.2871, 6.7314

Details

The XYZ color **51.0958, 52.6514, 53.9241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4149, 54.0883, 62.4272**, and the grayscale version is **50.4317, 53.0580, 57.7802**.

A 20% lighter version of the original color is **90.2228, 93.5823, 97.3123**, and **25.0334, 25.6958, 25.8307** is the 20% darker color. If you saturate the color by 10%, you get **46.1740, 45.9752, 42.5175**, and if you desaturate by 10%, it is **56.6213, 60.0575, 67.0015**.

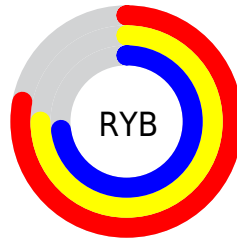
Distribution



Red (78%)

Green (75%)

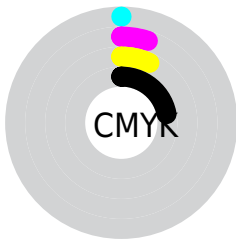
Blue (73%)



Red (78%)

Yellow (75%)

Blue (73%)

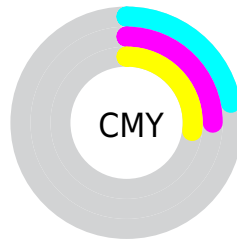


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (25%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0958, 52.6514, 53.9241 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 51.0958, 52.6514, 53.9241 by changing the saturation by 10% instead.


 51.0958, 52.6514,
53.9241

 51.0958, 52.6514,
53.9241


381.3174,
396.9462, 418.9869

 36.5062, 37.5246,
38.1482


 90.9785, 94.0912,
97.4181

 24.9973, 25.6139,
25.7950


117.0023,
121.1730, 125.9732

 16.2038, 16.5350,
16.4460

147.5683,
153.0085, 159.6253

 9.7602, 9.9035,
9.6825

183.0417,
189.9821, 198.7927

 5.3013, 5.3350,
5.0861

223.7880,
232.4784, 243.8940

 2.4617, 2.4452,
2.2383

270.1725,

 0.8760, 0.8490,

280.8815, 295.3478

0.6963

322.5605,
335.5760, 353.5726

■ 0.0000, 0.0000,
0.0000

■ 51.0958, 52.6514,
53.9241

■ 51.0958, 52.6514,
53.9241

■ 46.1740, 45.9752,
42.5175

■ 56.6213, 60.0575,
67.0015

■ 41.8305, 39.9997,
32.7106

■ 62.7660, 68.2078,
81.8100

■ 38.0446, 34.7037,
24.4324

■ 69.5503, 77.1250,
98.4111

■ 34.7925, 30.0626,
17.6048

■ 75.1698, 86.0997,
107.2648

■ 32.0488, 26.0500,
12.1433

■ 77.6297, 91.0195,
108.0847

■ 29.7856, 22.6378,
7.9540

■ 27.9722, 19.7955,
4.9315

■ 26.5739, 17.4896,
2.9525

■ 25.5469, 15.6812,
1.8526

Harmonies

Analogous

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



51.5703, 52.6514, 55.8294



51.0958, 52.6514, 53.9241



50.3426, 52.6514, 52.9405

Triad

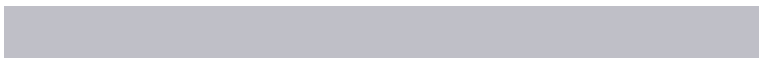
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.0958, 52.6514, 53.9241



48.4870, 52.6514, 56.4780



50.5735, 52.6514, 61.7670

Complementary

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



51.0958, 52.6514, 53.9241



50.4149, 54.0883, 62.4272

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.



49.7457, 52.6514, 61.9524



51.0958, 52.6514, 53.9241



48.5473, 52.6514, 58.8540

Square

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



51.0958, 52.6514, 53.9241



48.8403, 52.6514, 54.3876



49.0059, 52.6514, 60.8731



51.2664, 52.6514, 60.3734

Rectangle

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



51.0958, 52.6514, 53.9241



49.7865, 52.6514, 52.9209



49.0059, 52.6514, 60.8731



50.3016, 52.6514, 61.9741

Sweetspot

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



51.0973, 52.6537, 53.9252



93.0889, 97.3743, 104.2491



51.3467, 51.3850, 59.4572



19.9454, 20.8697, 22.3623



0.0000, 0.0000, 0.0000



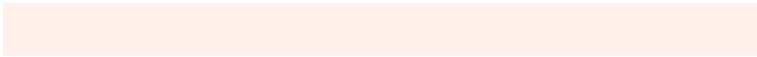
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0973, 52.6537, 53.9252



87.4655, 89.8108, 91.0199



52.6417, 55.7426, 54.4401



10.8768, 11.1227, 11.1364



16.1485, 9.8142, 1.0432



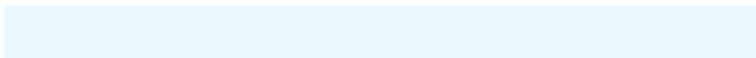
0.8279, 0.5913, 0.0705

Inverse Universe

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



50.4149, 54.0883, 62.4272



86.1062, 92.6685, 107.9563



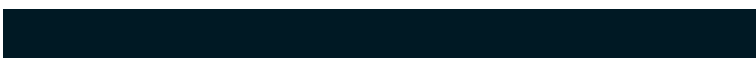
48.8806, 51.0196, 61.9157



10.6806, 11.5352, 13.5811



12.9357, 15.2653, 37.0091



0.6721, 0.8420, 1.7722

Previews

White Background



This preview shows how the XYZ color 51.0958, 52.6514, 53.9241 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 51.0958, 52.6514, 53.9241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

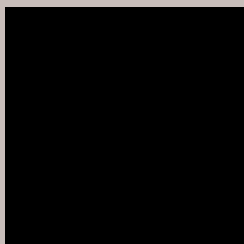
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

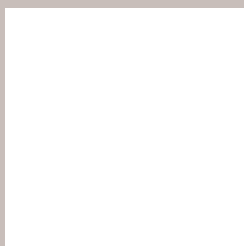
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0958, 52.6514, 53.9241

Background



This preview shows how black text looks on a background with the XYZ color 51.0958, 52.6514, 53.9241.



This preview shows how white text looks on a background with the XYZ color 51.0958, 52.6514,

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

51.0958, 52.6514, 53.9241

Protanopia

50.6264, 52.7198, 54.5213

Deuteranopia

53.6799, 52.7027, 54.3571



Tritanopia

53.0010, 52.7873, 63.2726

Trichromacy



Original Color

51.0958, 52.6514, 53.9241

Protanomaly

50.8891, 52.8552, 54.5336

Deuteranomaly

52.7524, 52.5384, 54.3743

Tritanomaly

52.2488, 52.7982, 59.6618

Monochromacy



Original Color

51.0958, 52.6514, 53.9241

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.9089, 53.1527, 56.2915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0958, 52.6514, 53.9241 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(200, 190, 186) looks like.

```
.text, #text, p{  
    color:rgb(200, 190, 186)  
}
```

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(200, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 190, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.0958, 52.6514, 53.9241 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(200, 190, 186) }
```


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

```
.border{ border-color:rgb(200, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 190, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 190, 186);  
box-shadow:4px 4px 4px 4px rgb(200, 190,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0958, 52.6514, 53.9241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 190, 186) }
```

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

```
.background{ background-color: rgb(200,  
190, 186) }
```

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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