

Converting Colors

XYZ(51.0541, 54.3505, 60.4311)

Have a look what the booklet for
XYZ(51.0541, 54.3505, 60.4311)
contains.

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Color

**XYZ(51.0532, 54.4582,
60.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC4C5
RGB	190, 196, 197
RGB Percent	75%, 77%, 77%
CMY	0.2549, 0.2314, 0.2274
CMYK	0.04, 0.01, 0.00, 0.23
HSL	189°, 6%, 76%
HSV	189°, 4%, 77%
XYZ	51.0532, 54.4582, 60.6440
YIQ	194.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

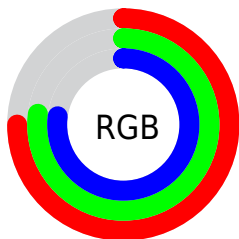
Format	Color
RYB	190, 193, 197
Decimal	12502213
CIELab	78.73, -1.87, -1.23
CIELCh	79, 2.237, 213.315
Yxy	54.4582, 0.3073, 0.3278
Android (android.graphics.Color)	4290692293 (0xFFBEC4C5)
YUV	194.3200, 1.3212, -3.7886
Hunter-Lab	73.7958, -5.6533, 2.9337

Details

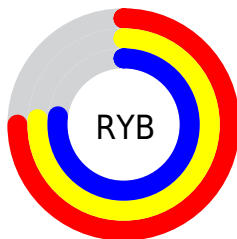
The XYZ color **51.0532, 54.4582, 60.6440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9512, 52.8492, 56.2316**, and the grayscale version is **51.4631, 54.1431, 58.9619**.

A 20% lighter version of the original color is **91.0207, 96.9991, 107.6913**, and **24.9475, 26.6475, 29.8152** is the 20% darker color. If you saturate the color by 10%, you get **45.8350, 50.8389, 60.2213**, and if you desaturate by 10%, it is **56.9515, 58.4487, 61.1042**.

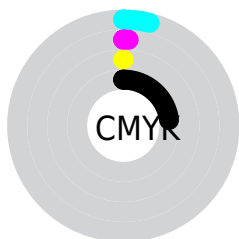
Distribution



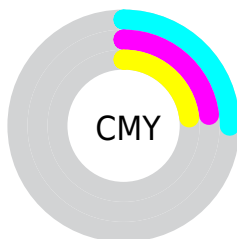
- Red (75%)
- Green (77%)
- Blue (77%)



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



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0532, 54.4582, 60.6440 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 51.0532, 54.4582, 60.6440 by changing the saturation by 10% instead.

■ 51.0532, 54.4582,
60.6440

■ 51.0532, 54.4582,
60.6440

381.1547,
403.8549, 444.8379

■ 36.4722, 38.9681,
43.5092

■ 90.9159, 96.7467,
107.3158

■ 24.9709, 26.7349,
29.9505

116.9283,
124.3139, 137.6899

■ 16.1840, 17.3742,
19.5493

147.4819,
156.6755, 173.3143

■ 9.7461, 10.5017,
11.8870

182.9420,
194.2161, 214.6073

■ 5.2919, 5.7328,
6.5452

223.6740,
237.3199, 261.9877

■ 2.4560, 2.6833,
3.1052

270.0432,

■ 0.8731, 0.9687,

286.3713, 315.8739

1.1486

322.4150,
341.7549, 376.6844

■ 0.0000, 0.0000,
0.0000

■ 51.0532, 54.4582,
60.6440

■ 51.0532, 54.4582,
60.6440

■ 45.8350, 50.8389,
60.2213

■ 56.9515, 58.4487,
61.1042

■ 41.2656, 47.5700,
59.8311

■ 63.5502, 62.8164,
61.5995

■ 37.3182, 44.6392,
59.4735

■ 70.8746, 67.5760,
62.1321

■ 33.9625, 42.0307,
59.1469

■ 73.6860, 70.0269,
62.4570

■ 31.1653, 39.7273,
58.8497

■ 74.3728, 71.4005,
62.6859

■ 28.8902, 37.7101,
58.5802

■ 75.0717, 72.7983,
62.9189

■ 27.0966, 35.9582,
58.3366

■ 75.7829, 74.2206,
63.1560

■ 25.7375, 34.4471,
58.1166

■ 76.5063, 75.6674,
63.3971

■ 24.7563, 33.1476,
57.9175

■ 77.2420, 77.1388,
63.6423

Harmonies

Analogous

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



50.9162, 54.4582, 59.4367



51.0532, 54.4582, 60.6440



51.3798, 54.4582, 61.4994

Triad

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



51.0532, 54.4582, 60.6440



52.5247, 54.4582, 60.3967



51.7117, 54.4582, 56.8965

Complementary

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



51.0532, 54.4582, 60.6440



50.9512, 52.8492, 56.2316

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.



52.1439, 54.4582, 57.1453



51.0532, 54.4582, 60.6440



52.6149, 54.4582, 59.1550

Square

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



51.0532, 54.4582, 60.6440



52.2295, 54.4582, 61.3552



52.4751, 54.4582, 57.9676



51.2950, 54.4582, 57.2829

Rectangle

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



51.0532, 54.4582, 60.6440



51.6619, 54.4582, 61.7487



52.4751, 54.4582, 57.9676



51.8600, 54.4582, 56.9086

Sweetspot

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



51.0548, 54.4605, 60.6452



94.0023, 99.2881, 108.8178



50.5990, 54.6392, 57.1322



20.1314, 21.2592, 23.2924



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.



51.0548, 54.4605, 60.6452



90.9348, 97.1932, 108.5751



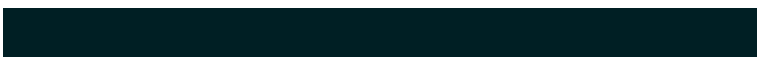
50.2885, 52.9279, 60.3898



11.3763, 12.1893, 13.6707



16.0007, 21.3954, 38.0308



0.7939, 1.0856, 1.8128

Inverse Universe

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



51.4044, 52.6838, 59.6869



91.6489, 93.5707, 106.6169



51.7095, 54.3657, 56.4844



11.4800, 11.6646, 13.3862



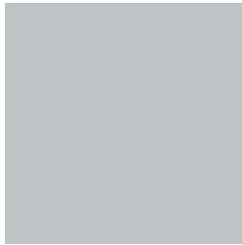
19.8758, 9.6999, 25.6194



0.9594, 0.4666, 1.3094

Previews

White Background



This preview shows how the XYZ color 51.0532, 54.4582, 60.6440 looks on a white background.

Color Contrast Check

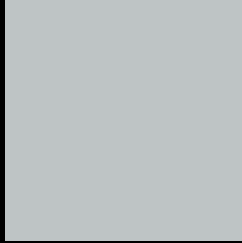
Large Text (above 18pt) WCAG AA × Fail

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 51.0532, 54.4582, 60.6440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

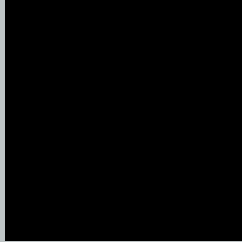
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

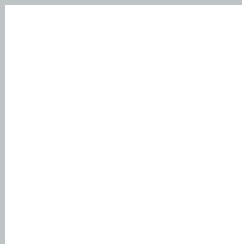
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0532, 54.4582, 60.6440

Background



This preview shows how black text looks on a background with the XYZ color 51.0532, 54.4582, 60.6440.



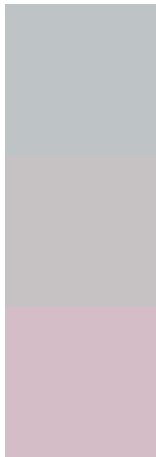
This preview shows how white text looks on a background with the XYZ color 51.0532, 54.4582,

60.6440.

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

51.0532, 54.4582, 60.6440

Protanopia

52.5443, 54.5749, 59.9892

Deuteranopia

55.5420, 54.4695, 61.0124



Tritanopia

52.5386, 54.3935, 68.0515

Trichromacy



Original Color

51.0532, 54.4582, 60.6440

Protanomaly

51.9846, 54.6178, 60.0270

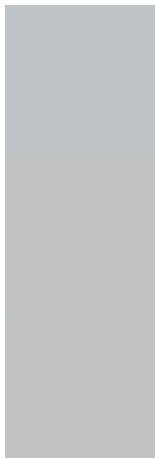
Deuteranomaly

53.9445, 54.6139, 61.1244

Tritanomaly

52.0204, 54.5144, 65.5382

Monochromacy



Original Color

51.0532, 54.4582, 60.6440

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.3578, 54.3078, 59.4054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0532, 54.4582, 60.6440 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(190, 196, 197)` looks like.

```
.text, #text, p{  
    color:rgb(190, 196, 197)  
}
```

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(190, 196, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 196, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.0532, 54.4582, 60.6440 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(190, 196, 197) }
```


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

```
.border{ border-color:rgb(190, 196, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 196, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 196, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 196, 197);  
box-shadow:4px 4px 4px 4px rgb(190, 196,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0532, 54.4582, 60.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 196, 197) }
```

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

```
.background{ background-color: rgb(190,  
196, 197) }
```

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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