

Converting Colors

XYZ(51.6734, 53.4780, 56.1176)

Have a look what the booklet for
XYZ(51.6734, 53.4780, 56.1176)
contains.

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Color

**XYZ(51.6971, 53.5591,
56.3284)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C0BE
RGB	199, 192, 190
RGB Percent	78%, 75%, 75%
CMY	0.2196, 0.2470, 0.2549
CMYK	0.00, 0.04, 0.05, 0.22
HSL	13°, 7%, 76%
HSV	13°, 5%, 78%
XYZ	51.6971, 53.5591, 56.3284
YIQ	193.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

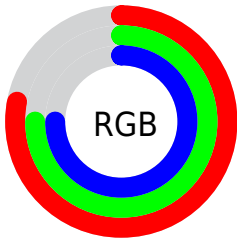
Format	Color
RYB	199, 193, 190
Decimal	13091006
CIELab	78.20, 2.09, 1.87
CIElCh	78, 2.804, 41.756
Yxy	53.5591, 0.3199, 0.3315
Android (android.graphics.Color)	4291281086 (0xFFC7C0BE)
YUV	193.8650, -1.9054, 4.5034
Hunter-Lab	73.1841, -1.9801, 5.5945

Details

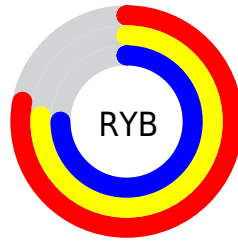
The XYZ color **51.6971, 53.5591, 56.3284** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5102, 55.0024, 61.9352**, and the grayscale version is **51.2085, 53.8754, 58.6703**.

A 20% lighter version of the original color is **91.4420, 95.0486, 100.7155**, and **25.4250, 26.2911, 27.4016** is the 20% darker color. If you saturate the color by 10%, you get **46.4492, 46.3091, 44.5709**, and if you desaturate by 10%, it is **57.6022, 61.6466, 69.7715**.

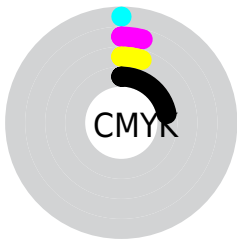
Distribution



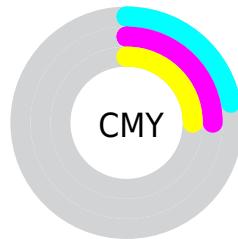
- Red (78%)
- Green (75%)
- Blue (75%)



- Red (78%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6971, 53.5591, 56.3284 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 51.6971, 53.5591, 56.3284 by changing the saturation by 10% instead.

■ 51.6971, 53.5591,
56.3284

■ 51.6971, 53.5591,
56.3284

383.6093,
400.4265, 428.3510

■ 36.9870, 38.2493,
40.0605

■ 91.8612, 95.4266,
100.9752

■ 25.3710, 26.1762,
27.2716

118.0460,
122.7530, 130.1911

■ 16.4839, 16.9555,
17.5431

148.7863,
154.8538, 164.5602

■ 9.9602, 10.2028,
10.4564

184.4476,
192.1133, 204.5009

■ 5.4347, 5.5336,
5.5931

225.3952,
234.9159, 250.4318

■ 2.5418, 2.5636,
2.5345

271.9944,

■ 0.9164, 0.9084,

283.6461, 302.7714

0.8584

324.6107,
338.6881, 361.9383

■ 0.0000, 0.0000,
0.0000

■ 51.6971, 53.5591,
56.3284

■ 51.6971, 53.5591,
56.3284

■ 46.4492, 46.3091,
44.5709

■ 57.6022, 61.6466,
69.7715

■ 41.8309, 39.8631,
34.4288

■ 64.1816, 70.5903,
84.9595

■ 37.8195, 34.1950,
25.8322

■ 71.4576, 80.4168,
101.9532

■ 34.3890, 29.2752,
18.7047

■ 77.0089, 90.1732,
107.9541

■ 31.5117, 25.0717,
12.9635

■ 77.3635, 90.8823,
108.0723

■ 29.1573, 21.5507,
8.5172

■ 27.2926, 18.6750,
5.2636

■ 25.8801, 16.4039,
3.0848

■ 24.8761, 14.6918,
1.8383

Harmonies

Analogous

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



51.9458, 53.5591, 57.7036



51.6971, 53.5591, 56.3284



51.2372, 53.5591, 55.4951

Triad

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



51.6971, 53.5591, 56.3284



49.9113, 53.5591, 57.3763



51.1215, 53.5591, 61.3240

Complementary

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



51.6971, 53.5591, 56.3284



51.5102, 55.0024, 61.9352

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.



50.5769, 53.5591, 61.2325



51.6971, 53.5591, 56.3284



49.8808, 53.5591, 58.9343

Square

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



51.6971, 53.5591, 56.3284



50.2072, 53.5591, 56.0925



50.1236, 53.5591, 60.3514



51.6119, 53.5591, 60.5990

Rectangle

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



51.6971, 53.5591, 56.3284



50.8740, 53.5591, 55.3497



50.1236, 53.5591, 60.3514



50.9386, 53.5591, 61.3880

Sweetspot

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



51.6986, 53.5614, 56.3296



94.0130, 98.5786, 106.5423



52.0512, 53.0033, 60.3414



20.1336, 21.1149, 22.8293



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.



51.6986, 53.5614, 56.3296



89.9837, 93.0441, 97.4181



52.6898, 55.5438, 56.6599



11.2674, 11.6274, 12.1189



15.7862, 9.0895, 0.9224



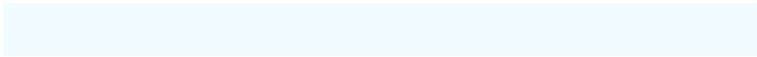
0.8034, 0.5422, 0.0623

Inverse Universe

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



51.5102, 55.0024, 61.9352



89.6150, 95.8639, 108.3881



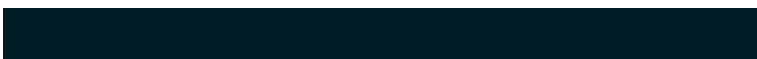
50.5154, 53.0127, 61.6036



11.2160, 12.0201, 13.6464



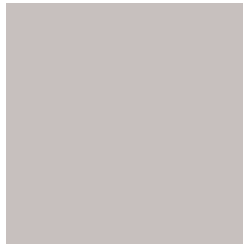
14.2014, 17.7967, 37.4310



0.7233, 0.9444, 1.7893

Previews

White Background



This preview shows how the XYZ color 51.6971, 53.5591, 56.3284 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 51.6971, 53.5591, 56.3284 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 51.6971, 53.5591, 56.3284

Background



This preview shows how black text looks on a background with the XYZ color 51.6971, 53.5591, 56.3284.

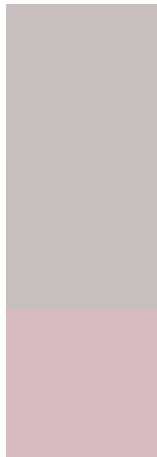


This preview shows how white text looks on a background with the XYZ color 51.6971, 53.5591,

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

51.6971, 53.5591, 56.3284

Protanopia

51.1699, 53.2873, 56.3037

Deuteranopia

54.6149, 53.4484, 56.7283



Tritanopia

53.5203, 53.6522, 65.2927

Trichromacy



Original Color

51.6971, 53.5591, 56.3284

Protanomaly

51.4326, 53.4227, 56.3160

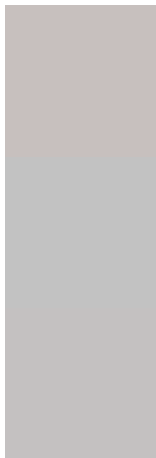
Deuteranomaly

53.6140, 53.5667, 56.8039

Tritanomaly

52.8755, 53.7111, 62.2240

Monochromacy



Original Color

51.6971, 53.5591, 56.3284

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4606, 53.7259, 58.1100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6971, 53.5591, 56.3284 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(199, 192, 190)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 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(199, 192, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 190) }
```

Border

The CSS property to change the border of an element to XYZ 51.6971, 53.5591, 56.3284 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(199, 192, 190) }
```


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

```
.border{ border-color:rgb(199, 192, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 192, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 192, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 192, 190);  
box-shadow:4px 4px 4px 4px rgb(199, 192,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6971, 53.5591, 56.3284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 190) }
```

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

```
.background{ background-color: rgb(199,  
192, 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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