

Converting Colors

XYZ(51.6662, 54.9763, 56.8673)

Have a look what the booklet for
XYZ(51.6662, 54.9763, 56.8673)
contains.

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Color

**XYZ(51.5399, 54.7997,
56.5761)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C4BE
RGB	195, 196, 190
RGB Percent	76%, 77%, 75%
CMY	0.2353, 0.2314, 0.2549
CMYK	0.01, 0.00, 0.03, 0.23
HSL	70°, 5%, 76%
HSV	70°, 3%, 77%
XYZ	51.5399, 54.7997, 56.5761
YIQ	195.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

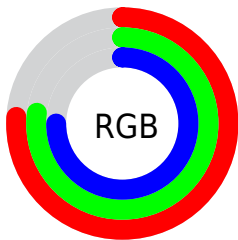
Format	Color
RYB	190, 196, 191
Decimal	12829886
CIELab	78.93, -1.43, 2.88
CIELCh	79, 3.214, 116.488
Yxy	54.7997, 0.3164, 0.3364
Android (android.graphics.Color)	4291019966 (0xFFC3C4BE)
YUV	195.0170, -2.4734, -0.0149
Hunter-Lab	74.0268, -5.2694, 6.5055

Details

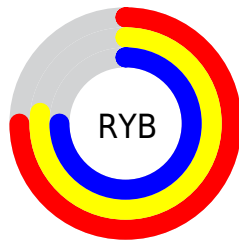
The XYZ color **51.5399, 54.7997, 56.5761** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8652, 51.8902, 59.6151**, and the grayscale version is **51.8969, 54.5996, 59.4590**.

A 20% lighter version of the original color is **91.9047, 97.5998, 101.1835**, and **25.1729, 26.8149, 27.5159** is the 20% darker color. If you saturate the color by 10%, you get **48.7033, 53.5701, 46.0024**, and if you desaturate by 10%, it is **54.6863, 56.1589, 68.6705**.

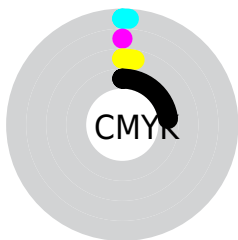
Distribution



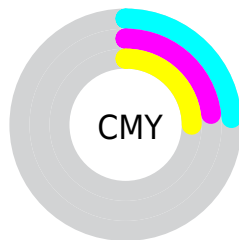
- Red (76%)
- Green (77%)
- Blue (75%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5399, 54.7997, 56.5761 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 51.5399, 54.7997, 56.5761 by changing the saturation by 10% instead.

■ 51.5399, 54.7997,
56.5761

■ 51.5399, 54.7997,
56.5761

383.0110,
405.1522, 429.3082

■ 36.8613, 39.2414,
40.2579

■ 91.6306, 97.2474,
101.3406

■ 25.2733, 26.9476,
27.4244

117.7733,
124.9056, 130.6240

■ 16.4106, 17.5338,
17.6569

148.4682,
157.3659, 165.0661

■ 9.9078, 10.6158,
10.5371

184.0804,
195.0126, 205.0857

■ 5.3997, 5.8091,
5.6463

224.9755,
238.2302, 251.1011

■ 2.5208, 2.7294,
2.5659

271.5187,

■ 0.9057, 0.9921,

287.4031, 303.5310

0.8748

324.0754,
342.9156, 362.7938

■ 0.0000, 0.0000,
0.0000

■ 51.5399, 54.7997,
56.5761

■ 51.5399, 54.7997,
56.5761

■ 48.7033, 53.5701,
46.0024

■ 54.6863, 56.1589,
68.6705

■ 46.1605, 52.4583,
36.8858

■ 58.1487, 57.6449,
82.3387

■ 43.9005, 51.4619,
29.1632

■ 61.9392, 59.2643,
97.6359

■ 41.9102, 50.5754,
22.7657

■ 63.8334, 60.1274,
102.8491

■ 40.1753, 49.7932,
17.6185

■ 64.7648, 60.6075,
102.8927

■ 38.6801, 49.1089,
13.6396

■ 65.7154, 61.0976,
102.9372

■ 37.4069, 48.5154,
10.7367

■ 66.6852, 61.5975,
102.9826

■ 36.3356, 48.0048,
8.8042

■ 67.6744, 62.1075,
103.0289

■ 35.4418, 47.5672,
7.7147

■ 68.6831, 62.6275,
103.0761

Harmonies

Analogous

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



52.1607, 54.7997, 56.2270



51.5399, 54.7997, 56.5761



51.0687, 54.7997, 57.7476

Triad

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



51.5399, 54.7997, 56.5761



51.4107, 54.7997, 62.6469



53.3203, 54.7997, 59.8831

Complementary

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



51.5399, 54.7997, 56.5761



49.8652, 51.8902, 59.6151

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.



53.1156, 54.7997, 61.6296



51.5399, 54.7997, 56.5761



52.0103, 54.7997, 63.2457

Square

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



51.5399, 54.7997, 56.5761



50.9945, 54.7997, 61.2493



52.6349, 54.7997, 62.8696



53.1919, 54.7997, 58.1133

Rectangle

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



51.5399, 54.7997, 56.5761



50.9010, 54.7997, 58.8500



52.6349, 54.7997, 62.8696



53.2881, 54.7997, 60.4927

Sweetspot

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



51.5414, 54.8021, 56.5773



94.4855, 99.7561, 106.7447



50.6918, 52.7166, 56.2195



20.2297, 21.3545, 22.8705



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.



51.5414, 54.8021, 56.5773



92.8264, 99.0384, 100.4501



50.7743, 54.4066, 56.5414



11.0330, 11.7963, 11.8332



22.4829, 30.4192, 4.6865



1.0163, 1.3375, 0.2046

Inverse Universe

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



49.8652, 51.8902, 59.6151



88.8254, 92.0881, 107.7009



50.6272, 52.2830, 59.6507



10.4855, 10.8451, 12.8255



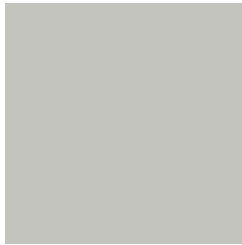
6.8503, 2.7919, 33.7345



0.3460, 0.1464, 1.4599

Previews

White Background



This preview shows how the XYZ color 51.5399, 54.7997, 56.5761 looks on a white background.

Color Contrast Check

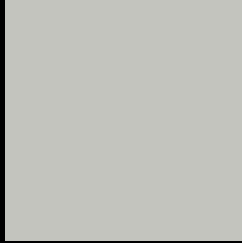
Large Text (above 18pt) WCAG AA × Fail

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 51.5399, 54.7997, 56.5761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

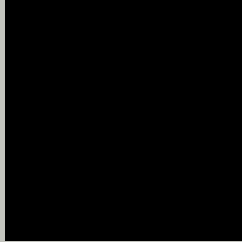
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5399, 54.7997, 56.5761

Background



This preview shows how black text looks on a background with the XYZ color 51.5399, 54.7997, 56.5761.



This preview shows how white text looks on a background with the XYZ color 51.5399, 54.7997,

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

51.5399, 54.7997, 56.5761

Protanopia

52.2965, 54.5371, 55.9145

Deuteranopia

55.9205, 54.7557, 56.9118



Tritanopia

53.7438, 54.6998, 67.4000

Trichromacy



Original Color

51.5399, 54.7997, 56.5761

Protanomaly

51.9891, 54.7101, 55.9641

Deuteranomaly

54.2660, 54.8708, 57.0212

Tritanomaly

52.8604, 54.6709, 63.0248

Monochromacy



Original Color

51.5399, 54.7997, 56.5761

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6464, 54.4826, 58.2462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5399, 54.7997, 56.5761 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(195, 196, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 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(195, 196, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 190) }
```

Border

The CSS property to change the border of an element to XYZ 51.5399, 54.7997, 56.5761 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(195, 196, 190) }
```


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

```
.border{ border-color:rgb(195, 196, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5399, 54.7997, 56.5761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 190) }
```

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

```
.background{ background-color: rgb(195,  
196, 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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