

Converting Colors

XYZ(53.5221, 56.8428, 57.6506)

Have a look what the booklet for
XYZ(53.5221, 56.8428, 57.6506)
contains.

XYZ(53.3806, 56.7505, 57.4307)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.3806, 56.7505,
57.4307)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C7BF
RGB	199, 199, 191
RGB Percent	78%, 78%, 75%
CMY	0.2196, 0.2196, 0.2510
CMYK	0.00, 0.00, 0.04, 0.22
HSL	60°, 7%, 76%
HSV	60°, 4%, 78%
XYZ	53.3806, 56.7505, 57.4307
YIQ	198.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

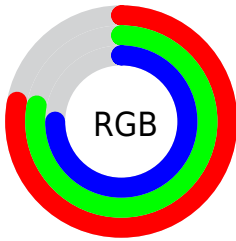
Format	Color
RYB	191, 199, 191
Decimal	13092799
CIELab	80.04, -1.44, 3.99
CIElCh	80, 4.241, 109.779
Yxy	56.7505, 0.3186, 0.3387
Android (android.graphics.Color)	4291282879 (0xFFC7C7BF)
YUV	198.0880, -3.4944, 0.7998
Hunter-Lab	75.3329, -5.3483, 7.5328

Details

The XYZ color **53.3806, 56.7505, 57.4307** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4275, 52.4630, 61.5042**, and the grayscale version is **53.7508, 56.5500, 61.5830**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **26.3899, 28.1055, 28.0788** is the 20% darker color. If you saturate the color by 10%, you get **51.3362, 55.9343, 46.6693**, and if you desaturate by 10%, it is **55.7258, 57.6907, 69.7619**.

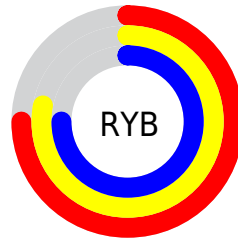
Distribution



Red (78%)

Green (78%)

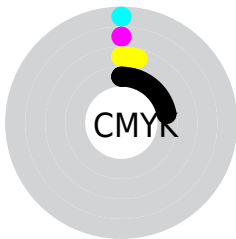
Blue (75%)



Red (75%)

Yellow (78%)

Blue (75%)

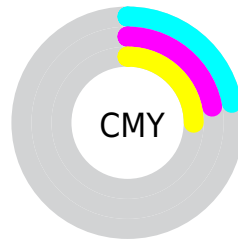


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3806, 56.7505, 57.4307 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 53.3806, 56.7505, 57.4307 by changing the saturation by 10% instead.

■ 53.3806, 56.7505,
57.4307

■ 53.3806, 56.7505,
57.4307

389.9806,
412.5137, 432.6001

■ 38.3354, 40.8050,
40.9395

■ 94.3264, 100.1010,
102.5999

■ 26.4215, 28.1667,
27.9524

120.9577,
128.2748, 132.1150

■ 17.2736, 18.4514,
18.0511

152.1818,
161.2935, 166.8085

■ 10.5262, 11.2745,
10.8169

188.3639,
199.5414, 207.0988

■ 5.8142, 6.2518,
5.8312

229.8695,
243.4030, 253.4046

■ 2.7720, 2.9988,
2.6756

277.0639,

■ 1.0344, 1.1311,

293.2627, 306.1444

0.9311

330.3125,
349.5048, 365.7367

■ 0.0000, 0.0043,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.3806, 56.7505,
57.4307

■ 53.3806, 56.7505,
57.4307

■ 51.3362, 55.9343,
46.6693

■ 55.7258, 57.6907,
69.7619

■ 49.5759, 55.2299,
37.4111

■ 58.3783, 58.7519,
83.7184

■ 48.0886, 54.6348,
29.5905

■ 61.3504, 59.9410,
99.3577

■ 46.8606, 54.1433,
23.1354

■ 62.0368, 60.2158,
102.9609

■ 45.8770, 53.7496,
17.9675

■ 62.0390, 60.2170,
102.9610

■ 45.1215, 53.4472,
14.0006

■ 62.0412, 60.2181,
102.9611

■ 44.5757, 53.2286,
11.1380

■ 62.0434, 60.2192,
102.9612

■ 44.2185, 53.0854,
9.2681

■ 62.0456, 60.2204,
102.9613

■ 44.0240, 53.0074,
8.2557

■ 62.0478, 60.2215,
102.9614

Harmonies

Analogous

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



54.2344, 56.7505, 57.2359



53.3806, 56.7505, 57.4307



52.6837, 56.7505, 58.7762

Triad

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



53.3806, 56.7505, 57.4307



52.8762, 56.7505, 65.4883



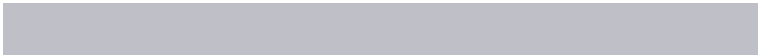
55.5877, 56.7505, 62.6380

Complementary

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



53.3806, 56.7505, 57.4307



50.4275, 52.4630, 61.5042

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.



55.2154, 56.7505, 64.9085



53.3806, 56.7505, 57.4307



53.6460, 56.7505, 66.5829

Square

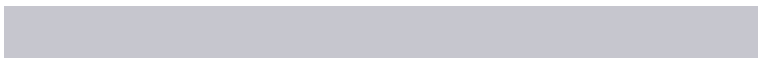
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.3806, 56.7505, 57.4307



52.3946, 56.7505, 63.4122



54.5026, 56.7505, 66.3680



55.5147, 56.7505, 60.1989

Rectangle

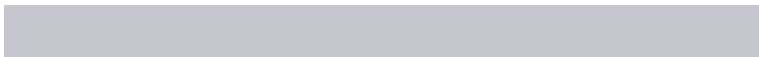
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.3806, 56.7505, 57.4307



52.3989, 56.7505, 60.1651



54.5026, 56.7505, 66.3680



55.5103, 56.7505, 63.4473

Sweetspot

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



53.3822, 56.7530, 57.4319



94.6417, 99.8366, 106.7520



51.5897, 53.1666, 56.8342



20.2615, 21.3709, 22.8720



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.



53.3822, 56.7530, 57.4319



93.0626, 99.2048, 98.4449



52.3351, 56.2132, 57.3829



11.6965, 12.4860, 12.2620



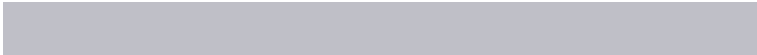
28.2641, 34.0660, 5.0857



1.3384, 1.6131, 0.2408

Inverse Universe

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



50.4275, 52.4630, 61.5042



86.5822, 89.7956, 107.3767



51.4469, 52.9885, 61.5519



10.7941, 11.1758, 13.5057



6.6296, 2.6520, 34.9068



0.3141, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 53.3806, 56.7505, 57.4307 looks on a white background.

Color Contrast Check

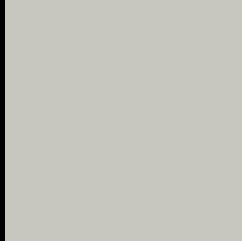
Large Text (above 18pt) WCAG AA × Fail

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 53.3806, 56.7505, 57.4307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

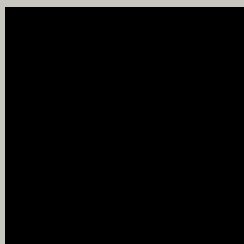
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

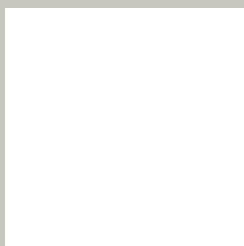
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3806, 56.7505, 57.4307

Background



This preview shows how black text looks on a background with the XYZ color 53.3806, 56.7505, 57.4307.

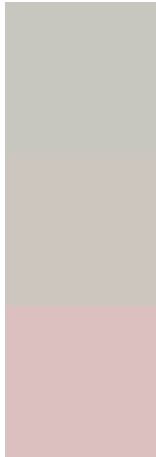


This preview shows how white text looks on a background with the XYZ color 53.3806, 56.7505,

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

53.3806, 56.7505, 57.4307

Protanopia

54.3902, 56.9432, 56.8397

Deuteranopia

57.8793, 56.7207, 57.7668



Tritanopia

55.8549, 56.7396, 69.6360

Trichromacy



Original Color

53.3806, 56.7505, 57.4307

Protanomaly

53.8455, 56.6624, 56.8142

Deuteranomaly

56.1809, 56.8330, 57.8780

Tritanomaly

54.9527, 56.7096, 65.1765

Monochromacy



Original Color

53.3806, 56.7505, 57.4307

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.3331, 56.3341, 59.6924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3806, 56.7505, 57.4307 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, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 191)  
}
```

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, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 191) }
```

Border

The CSS property to change the border of an element to XYZ 53.3806, 56.7505, 57.4307 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, 199, 191) }
```


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

```
.border{ border-color:rgb(199, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3806, 56.7505, 57.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 191) }
```

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

```
.background{ background-color: rgb(199,  
199, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor