

Converting Colors

XYZ(50.3697, 57.3568, 38.5547)

Have a look what the booklet for
XYZ(50.3697, 57.3568, 38.5547)
contains.

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Color

**XYZ(50.3686, 57.3560,
38.5531)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CC99
RGB	197, 204, 153
RGB Percent	77%, 80%, 60%
CMY	0.2274, 0.2000, 0.4000
CMYK	0.03, 0.00, 0.25, 0.20
HSL	68°, 33%, 70%
HSV	68°, 25%, 80%
XYZ	50.3686, 57.3560, 38.5531
YIQ	196.0930, 12.1990, -17.3450

Conversions

Conversions Part 2

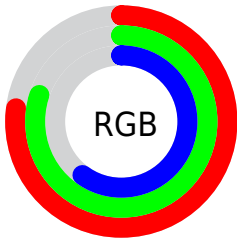
Format	Color
RYB	153, 204, 160
Decimal	12962969
CIELab	80.38, -10.81, 24.68
CIELCh	80, 26.944, 113.657
Yxy	57.3560, 0.3443, 0.3921
Android (android.graphics.Color)	4291153049 (0xFFC5CC99)
YUV	196.0930, -21.2448, 0.7954
Hunter-Lab	75.7337, -13.8182, 22.8314

Details

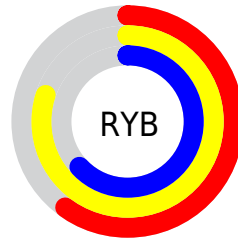
The XYZ color **50.3686, 57.3560, 38.5531** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.7898, 34.6172, 61.8728**, and the grayscale version is **52.6448, 55.3864, 60.3158**.

A 20% lighter version of the original color is **88.0182, 97.1449, 73.7863**, and **24.6323, 28.6116, 16.7947** is the 20% darker color. If you saturate the color by 10%, you get **48.0994, 56.3663, 30.3908**, and if you desaturate by 10%, it is **52.9426, 58.4731, 48.2357**.

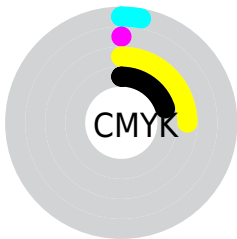
Distribution



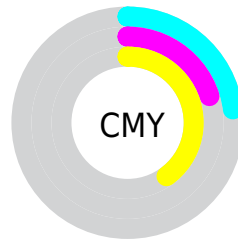
- Red (77%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (63%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)





- Cyan (23%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3686, 57.3560, 38.5531 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 50.3686, 57.3560, 38.5531 by changing the saturation by 10% instead.


 50.3686, 57.3560,
38.5531


 50.3686, 57.3560,
38.5531


378.5339,
414.7819, 355.3558

 35.9254, 41.2911,
26.1071


 89.9093, 100.9845,
74.1679

 24.5464, 28.5466,
16.6773


 115.7375,
129.3168, 98.1738

 15.8664, 18.7381,
9.8452


146.0914,
162.5072, 126.8700

 9.5199, 11.4812,
5.1922

181.3364,
200.9398, 160.6752

 5.1416, 6.3915,
2.2997

221.8377,
244.9993, 200.0078

 2.3662, 3.0846,
0.7311

267.9609,

 0.8282, 1.1760,

295.0698, 245.2864

0.0000

320.0711,
351.5359, 296.9296

■ 0.0000, 0.0420,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.3686, 57.3560,
38.5531

■ 50.3686, 57.3560,
38.5531

■ 48.0994, 56.3663,
30.3908

■ 52.9426, 58.4731,
48.2357

■ 46.1157, 55.4904,
23.6681

■ 55.8305, 59.7154,
59.5066

■ 44.4031, 54.7245,
18.3021

■ 59.0467, 61.0906,
72.4342

■ 42.9438, 54.0615,
14.2003

■ 62.6032, 62.6035,
87.0817

■ 41.7180, 53.4934,
11.2584

■ 66.5108, 64.2585,
103.5054

■ 40.7027, 53.0111,
9.3557

■ 67.3206, 64.6760,
103.5433

■ 39.8698, 52.6032,
8.3449

■ 68.1445, 65.1007,
103.5818

■ 39.4956, 52.4168,
8.0358

■ 68.9825, 65.5327,
103.6211

■ 69.8348, 65.9721,
103.6609

Harmonies

Analogous

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



55.6955, 57.3560, 36.8623



50.3686, 57.3560, 38.5531



46.4096, 57.3560, 46.1224

Triad

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



50.3686, 57.3560, 38.5531



48.4675, 57.3560, 90.2558



65.7519, 57.3560, 65.8676

Complementary

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



50.3686, 57.3560, 38.5531



36.7898, 34.6172, 61.8728

Split Complementary

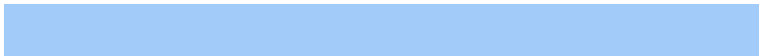
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.5134, 57.3560, 82.2394



50.3686, 57.3560, 38.5531



53.3516, 57.3560, 97.7711

Square

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



50.3686, 57.3560, 38.5531



45.3649, 57.3560, 75.4512



58.8833, 57.3560, 94.6143



64.8198, 57.3560, 51.0369

Rectangle

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



50.3686, 57.3560, 38.5531



44.9567, 57.3560, 54.2868



58.8833, 57.3560, 94.6143



65.3407, 57.3560, 71.3951

Sweetspot

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



50.3701, 57.3585, 38.5543



90.9144, 98.2275, 92.4627



43.1898, 40.2112, 35.6230



19.3015, 20.9568, 19.1721



0.0000, 0.0000, 0.0000



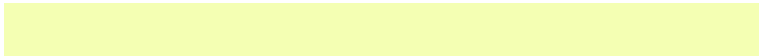
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3701, 57.3585, 38.5543



81.3259, 94.0760, 56.2553



44.2922, 54.2253, 38.2699



11.9965, 13.0156, 11.9594



24.9160, 33.0200, 5.0603



1.3282, 1.7255, 0.2631

Inverse Universe

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



36.7898, 34.6172, 61.8728



55.0580, 50.0798, 101.3722



42.3723, 37.4951, 62.1340



10.7427, 10.9166, 14.1113



7.2080, 2.9234, 36.1406



0.4197, 0.1755, 1.8667

Previews

White Background



This preview shows how the XYZ color 50.3686, 57.3560, 38.5531 looks on a white background.

Color Contrast Check

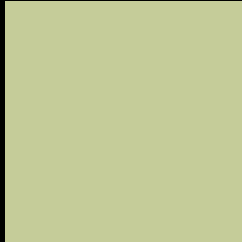
Large Text (above 18pt) WCAG AA × Fail

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 50.3686, 57.3560, 38.5531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

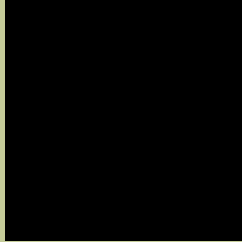
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3686, 57.3560, 38.5531

Background



This preview shows how black text looks on a background with the XYZ color 50.3686, 57.3560, 38.5531.



This preview shows how white text looks on a background with the XYZ color 50.3686, 57.3560,

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

50.3686, 57.3560, 38.5531

Protanopia

53.4499, 57.2273, 37.5070

Deuteranopia

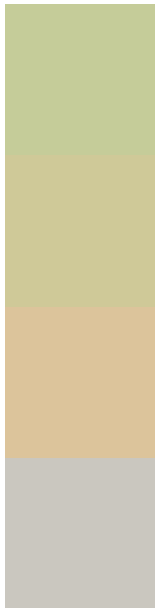
58.2358, 56.9855, 39.3824



Tritanopia

56.8004, 57.2125, 70.3368

Trichromacy



Original Color

50.3686, 57.3560, 38.5531

Protanomaly

52.2863, 57.3057, 38.0111

Deuteranomaly

55.1715, 57.0621, 39.1166

Tritanomaly

54.1845, 57.1650, 57.4683

Monochromacy



Original Color

50.3686, 57.3560, 38.5531

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.4266, 55.8779, 51.2551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3686, 57.3560, 38.5531 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(197, 204, 153)` looks like.

```
.text, #text, p{  
    color:rgb(197, 204, 153)  
}
```

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(197, 204, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 204, 153) }
```

Border

The CSS property to change the border of an element to XYZ 50.3686, 57.3560, 38.5531 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(197, 204, 153) }
```


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

```
.border{ border-color:rgb(197, 204, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 204, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 204, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 204, 153);  
box-shadow:4px 4px 4px 4px rgb(197, 204,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3686, 57.3560, 38.5531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 204, 153) }
```

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

```
.background{ background-color: rgb(197,  
204, 153) }
```

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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