

Converting Colors

XYZ(53.8118, 60.1545, 51.1967)

Have a look what the booklet for
XYZ(53.8118, 60.1545, 51.1967)
contains.

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Color

**XYZ(53.9813, 60.3722,
51.4557)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D0B3
RGB	198, 208, 179
RGB Percent	78%, 82%, 70%
CMY	0.2235, 0.1843, 0.2980
CMYK	0.05, 0.00, 0.14, 0.18
HSL	81°, 24%, 76%
HSV	81°, 14%, 82%
XYZ	53.9813, 60.3722, 51.4557
YIQ	201.7040, 3.3490, -11.1390

Conversions

Conversions Part 2

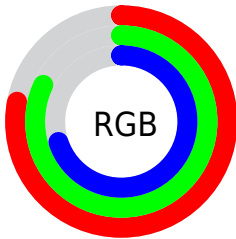
Format	Color
R _{YB}	179, 208, 189
Decimal	13029555
CIE Lab	82.04, -8.52, 13.25
CIE LCh	82, 15.753, 122.735
Yxy	60.3722, 0.3256, 0.3641
Android (android.graphics.Color)	4291219635 (0xFFC6D0B3)
YUV	201.7040, -11.1931, -3.2484
Hunter-Lab	77.6995, -11.9624, 15.1255

Details

The XYZ color **53.9813, 60.3722, 51.4557** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.4938, 47.6147, 66.3124**, and the grayscale version is **56.0220, 58.9395, 64.1852**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **26.8231, 30.5469, 24.2211** is the 20% darker color. If you saturate the color by 10%, you get **50.1882, 58.6436, 41.1128**, and if you desaturate by 10%, it is **58.1846, 62.2792, 63.4769**.

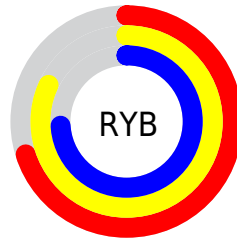
Distribution



Red (78%)

Green (82%)

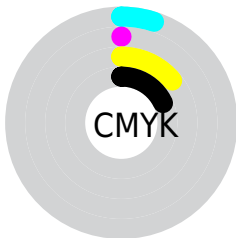
Blue (70%)



Red (70%)

Yellow (82%)

Blue (74%)

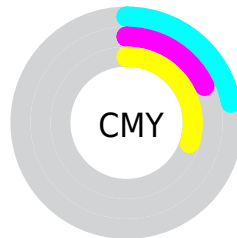


Cyan (5%)

Magenta (0%)

Yellow (14%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9813, 60.3722, 51.4557 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 53.9813, 60.3722, 51.4557 by changing the saturation by 10% instead.

■ 53.9813, 60.3722,
51.4557

■ 53.9813, 60.3722,
51.4557

392.2382,
425.9683, 409.2287

■ 38.8173, 43.7187,
36.1922

■ 95.2038, 105.3694,
93.7464

■ 26.7977, 30.4494,
24.2918

121.9931,
134.4819, 121.6107

■ 17.5572, 20.1800,
15.3360

153.3882,
168.5162, 154.5122

■ 10.7303, 12.5259,
8.9063

189.7545,
207.8567, 192.8696

■ 5.9517, 7.1029,
4.5841

231.4572,
252.8877, 237.1015

■ 2.8561, 3.5266,
1.9510

278.8619,

■ 1.0781, 1.4124,

303.9938, 287.6262

0.5249

332.3337,
361.5592, 344.8624

■ 0.0067, 0.2258,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9813, 60.3722,
51.4557

■ 53.9813, 60.3722,
51.4557

■ 50.1882, 58.6436,
41.1128

■ 58.1846, 62.2792,
63.4769

■ 46.7851, 57.0793,
32.3694

■ 62.8078, 64.3626,
77.2423

■ 43.7572, 55.6750,
25.1467

■ 67.8661, 66.6308,
92.8193

■ 41.0864, 54.4236,
19.3573

■ 72.1909, 68.6162,
104.0471

■ 38.7534, 53.3170,
14.9051

■ 74.4974, 69.8053,
104.1551

■ 36.7363, 52.3464,
11.6822

■ 76.8992, 71.0435,
104.2675

■ 35.0101, 51.5016,
9.5638

■ 79.3976, 72.3314,
104.3844

■ 33.5446, 50.7703,
8.3990

■ 81.8471, 73.5942,
104.4990

■ 32.7526, 50.3702,
7.9962

Harmonies

Analogous

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



57.0763, 60.3722, 49.0334



53.9813, 60.3722, 51.4557



51.8646, 60.3722, 57.6701

Triad

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



53.9813, 60.3722, 51.4557



54.4921, 60.3722, 83.4623



64.0335, 60.3722, 64.8620

Complementary

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



53.9813, 60.3722, 51.4557



48.4938, 47.6147, 66.3124

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.



63.2773, 60.3722, 74.5189



53.9813, 60.3722, 51.4557



57.6887, 60.3722, 85.8545

Square

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



53.9813, 60.3722, 51.4557



52.1514, 60.3722, 76.1826



60.9225, 60.3722, 82.4383



62.9511, 60.3722, 56.2893

Rectangle

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



53.9813, 60.3722, 51.4557



51.2487, 60.3722, 63.4382



60.9225, 60.3722, 82.4383



63.9860, 60.3722, 68.0867

Sweetspot

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



53.9829, 60.3748, 51.4570



92.1684, 98.6992, 100.4193



52.2772, 52.9185, 50.1077



19.6145, 21.0744, 21.1634



0.0000, 0.0000, 0.0000



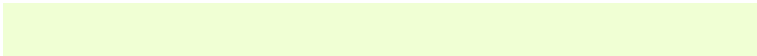
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9829, 60.3748, 51.4570



83.5509, 94.7894, 75.9487



50.4217, 58.5390, 51.2903



12.3910, 13.5850, 12.5811



20.5196, 31.4472, 4.9884



1.2309, 1.8014, 0.2828

Inverse Universe

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



48.4938, 47.6147, 66.3124



73.0594, 70.3985, 104.3454



52.1814, 49.5157, 66.4849



11.5427, 11.6131, 14.8768



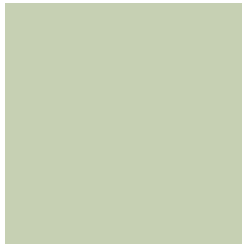
8.8437, 3.7394, 37.4482



0.5790, 0.2526, 2.0978

Previews

White Background



This preview shows how the XYZ color 53.9813, 60.3722, 51.4557 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 53.9813, 60.3722, 51.4557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

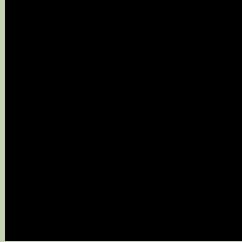
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

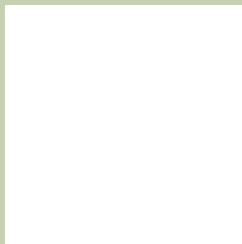
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9813, 60.3722, 51.4557

Background



This preview shows how black text looks on a background with the XYZ color 53.9813, 60.3722, 51.4557.



This preview shows how white text looks on a background with the XYZ color 53.9813, 60.3722,

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

53.9813, 60.3722, 51.4557

Protanopia

57.0233, 60.1823, 50.2059

Deuteranopia

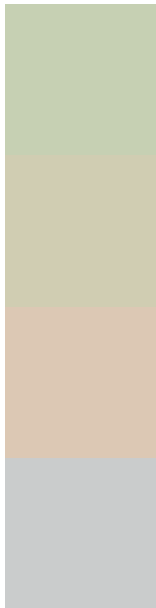
61.3591, 59.9719, 52.0578



Tritanopia

58.6773, 60.1404, 74.8453

Trichromacy



Original Color

53.9813, 60.3722, 51.4557

Protanomaly

55.8796, 60.2869, 50.8108

Deuteranomaly

58.4077, 59.8195, 51.6479

Tritanomaly

56.8491, 60.1019, 65.7313

Monochromacy



Original Color

53.9813, 60.3722, 51.4557

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.4179, 59.4983, 59.6024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9813, 60.3722, 51.4557 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(198, 208, 179)` looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 179)  
}
```

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(198, 208, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.9813, 60.3722, 51.4557 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(198, 208, 179) }
```


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

```
.border{ border-color:rgb(198, 208, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 208, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 208, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 208, 179);  
box-shadow:4px 4px 4px 4px rgb(198, 208,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9813, 60.3722, 51.4557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 208, 179) }
```

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

```
.background{ background-color: rgb(198,  
208, 179) }
```

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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