

Converting Colors

XYZ(53.0913, 58.5608, 54.0954)

Have a look what the booklet for
XYZ(53.0913, 58.5608, 54.0954)
contains.

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Color

**XYZ(53.0095, 58.3822,
53.8224)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CCB8
RGB	196, 204, 184
RGB Percent	77%, 80%, 72%
CMY	0.2314, 0.2000, 0.2784
CMYK	0.04, 0.00, 0.10, 0.20
HSL	84°, 16%, 76%
HSV	84°, 10%, 80%
XYZ	53.0095, 58.3822, 53.8224
YIQ	199.3280, 1.6520, -7.9160

Conversions

Conversions Part 2

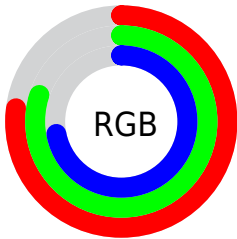
Format	Color
RYB	184, 204, 192
Decimal	12897464
CIELab	80.95, -6.32, 9.02
CIELCh	81, 11.016, 125.030
Yxy	58.3822, 0.3209, 0.3534
Android (android.graphics.Color)	4291087544 (0xFFC4CCB8)
YUV	199.3280, -7.5567, -2.9187
Hunter-Lab	76.4082, -9.8771, 11.7216

Details

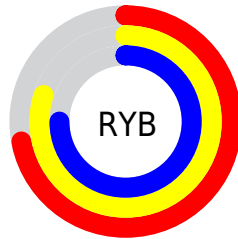
The XYZ color **53.0095, 58.3822, 53.8224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7802, 49.8487, 64.1280**, and the grayscale version is **54.5324, 57.3724, 62.4785**.

A 20% lighter version of the original color is **91.9962, 98.6939, 96.6392**, and **26.1584, 29.2022, 25.7306** is the 20% darker color. If you saturate the color by 10%, you get **48.9580, 56.5248, 43.2634**, and if you desaturate by 10%, it is **57.4882, 60.4276, 66.0137**.

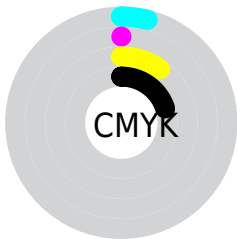
Distribution



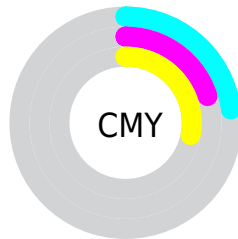
- Red (77%)
- Green (80%)
- Blue (72%)



- Red (72%)
- Yellow (80%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0095, 58.3822, 53.8224 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 53.0095, 58.3822, 53.8224 by changing the saturation by 10% instead.

■ 53.0095, 58.3822,
53.8224

■ 53.0095, 58.3822,
53.8224

388.5818,
418.6086, 418.5879

■ 38.0379, 42.1160,
38.0675

■ 93.7838, 102.4792,
97.2672

■ 26.1894, 29.1921,
25.7328

120.3172,
131.0788, 125.7942

■ 17.0988, 19.2262,
16.3999

151.4351,
164.5583, 159.4156

■ 10.4007, 11.8338,
9.6502

187.5031,
203.3022, 198.5499

■ 5.7297, 6.6306,
5.0651

228.8864,
247.6947, 243.6158

■ 2.7205, 3.2322,
2.2261

275.9504,

■ 1.0078, 1.2541,

298.1204, 295.0317

0.6894

329.0604,
354.9635, 353.2162

■ 0.0000, 0.1053,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.0095, 58.3822,
53.8224

■ 53.0095, 58.3822,
53.8224

■ 48.9580, 56.5248,
43.2634

■ 57.4882, 60.4276,
66.0137

■ 45.3139, 54.8416,
34.2635

■ 62.4035, 62.6593,
79.8985

■ 42.0629, 53.3286,
26.7498

■ 67.7703, 65.0853,
95.5397

■ 39.1879, 51.9787,
20.6420

■ 71.8466, 67.0091,
103.7551

■ 36.6701, 50.7842,
15.8521

■ 74.5078, 68.3810,
103.8796

■ 34.4891, 49.7366,
12.2822

■ 77.2931, 69.8169,
104.0100

■ 32.6217, 48.8264,
9.8211

■ 80.2040, 71.3175,
104.1462

■ 31.0406, 48.0425,
8.3368

■ 80.8841, 71.6681,
104.1780

■ 29.6979, 47.3655,
7.5886

Harmonies

Analogous

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



55.1066, 58.3822, 51.8527



53.0095, 58.3822, 53.8224



51.6067, 58.3822, 58.4091

Triad

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



53.0095, 58.3822, 53.8224



53.6586, 58.3822, 75.6557



59.9778, 58.3822, 62.4727

Complementary

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



53.0095, 58.3822, 53.8224



49.7802, 49.8487, 64.1280

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.



59.5645, 58.3822, 69.0227



53.0095, 58.3822, 53.8224



55.8762, 58.3822, 76.9277

Square

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



53.0095, 58.3822, 53.8224



51.9741, 58.3822, 71.0587



58.0478, 58.3822, 74.4249



59.1621, 58.3822, 56.6237

Rectangle

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



53.0095, 58.3822, 53.8224



51.2325, 58.3822, 62.4857



58.0478, 58.3822, 74.4249



59.9782, 58.3822, 64.6633

Sweetspot

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



53.0111, 58.3847, 53.8237



92.7253, 98.9411, 102.4895



52.4054, 53.9994, 53.0091



19.7165, 21.1179, 21.5796



0.0000, 0.0000, 0.0000



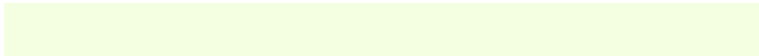
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0111, 58.3847, 53.8237



86.1467, 95.9348, 84.7826



50.4961, 57.0882, 53.7060



11.7026, 12.8641, 11.9457



18.7831, 29.8583, 4.7733



1.0532, 1.5838, 0.2502

Inverse Universe

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



49.7802, 49.8487, 64.1280



79.6197, 78.6899, 105.6000



52.3989, 51.1987, 64.2505



11.0195, 11.0594, 14.1243



9.1287, 3.9135, 36.2305



0.5559, 0.2457, 1.8731

Previews

White Background



This preview shows how the XYZ color 53.0095, 58.3822, 53.8224 looks on a white background.

Color Contrast Check

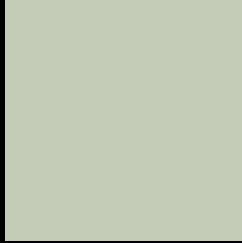
Large Text (above 18pt) WCAG AA × Fail

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 53.0095, 58.3822, 53.8224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

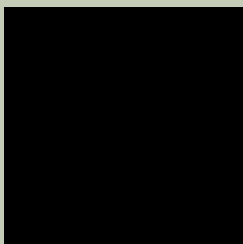
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

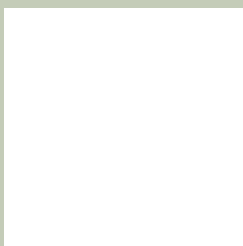
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0095, 58.3822, 53.8224

Background



This preview shows how black text looks on a background with the XYZ color 53.0095, 58.3822, 53.8224.



This preview shows how white text looks on a background with the XYZ color 53.0095, 58.3822,

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

53.0095, 58.3822, 53.8224

Protanopia

55.3923, 58.2413, 52.5782

Deuteranopia

59.5187, 58.2975, 54.5699



Tritanopia

56.7766, 58.1707, 72.5256

Trichromacy



Original Color

53.0095, 58.3822, 53.8224

Protanomaly

54.3357, 58.0296, 53.1368

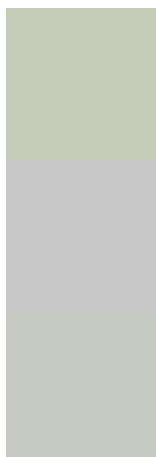
Deuteranomaly

56.9754, 58.3380, 54.1564

Tritanomaly

55.3389, 58.2750, 65.4583

Monochromacy



Original Color

53.0095, 58.3822, 53.8224

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.9130, 57.6741, 59.3296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0095, 58.3822, 53.8224 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(196, 204, 184)` looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 184)  
}
```

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(196, 204, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 184) }
```

Border

The CSS property to change the border of an element to XYZ 53.0095, 58.3822, 53.8224 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(196, 204, 184) }
```


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

```
.border{ border-color:rgb(196, 204, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 204, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 204, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 204, 184);  
box-shadow:4px 4px 4px 4px rgb(196, 204,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0095, 58.3822, 53.8224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 184) }
```

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

```
.background{ background-color: rgb(196,  
204, 184) }
```

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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