

Converting Colors

XYZ(53.7392, 58.4182, 52.2396)

Have a look what the booklet for
XYZ(53.7392, 58.4182, 52.2396)
contains.

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Color

**XYZ(53.7838, 58.4656,
52.1663)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CBB5
RGB	201, 203, 181
RGB Percent	79%, 80%, 71%
CMY	0.2118, 0.2039, 0.2902
CMYK	0.01, 0.00, 0.11, 0.20
HSL	65°, 17%, 75%
HSV	65°, 11%, 80%
XYZ	53.7838, 58.4656, 52.1663
YIQ	199.8940, 5.8700, -7.2660

Conversions

Conversions Part 2

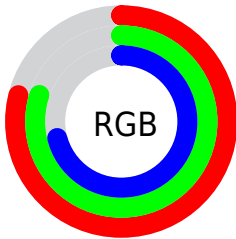
Format	Color
RYB	181, 203, 183
Decimal	13224885
CIELab	81.00, -4.53, 10.74
CIElCh	81, 11.654, 112.862
Yxy	58.4656, 0.3271, 0.3556
Android (android.graphics.Color)	4291414965 (0xFFC9CBB5)
YUV	199.8940, -9.3147, 0.9700
Hunter-Lab	76.4628, -8.2533, 13.0737

Details

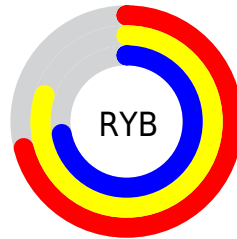
The XYZ color **53.7838, 58.4656, 52.1663** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.8341, 47.4284, 63.1893**, and the grayscale version is **54.8888, 57.7473, 62.8868**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **26.6763, 29.2564, 24.6631** is the 20% darker color. If you saturate the color by 10%, you get **51.3572, 57.4398, 41.9603**, and if you desaturate by 10%, it is **56.5231, 59.6210, 63.9737**.

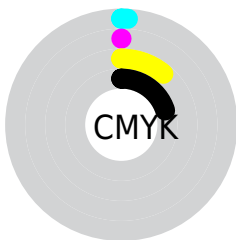
Distribution



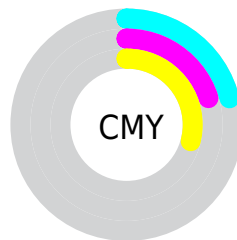
- Red (79%)
- Green (80%)
- Blue (71%)



- Red (71%)
- Yellow (80%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7838, 58.4656, 52.1663 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 53.7838, 58.4656, 52.1663 by changing the saturation by 10% instead.

■ 53.7838, 58.4656,
52.1663

■ 53.7838, 58.4656,
52.1663

391.4969,
418.9186, 412.0535

■ 38.6588, 42.1831,
36.7545

■ 94.9155, 102.6006,
94.8055

■ 26.6739, 29.2447,
24.7232

121.6529,
131.2218, 122.8700

■ 17.4638, 19.2660,
15.6538

152.9918,
164.7247, 155.9892

■ 10.6631, 11.8626,
9.1278

189.2977,
203.4938, 194.5815

■ 5.9064, 6.6502,
4.7267

230.9357,
247.9133, 239.0656

■ 2.8284, 3.2443,
2.0319

278.2714,

■ 1.0637, 1.2606,

298.3676, 289.8599

0.5748

331.6700,
355.2413, 347.3830

■ 0.0000, 0.1104,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7838, 58.4656,
52.1663

■ 53.7838, 58.4656,
52.1663

■ 51.3572, 57.4398,
41.9603

■ 56.5231, 59.6210,
63.9737

■ 49.2256, 56.5307,
33.2831

■ 59.5827, 60.9033,
77.4434

■ 47.3763, 55.7353,
26.0621

■ 62.9757, 62.3197,
92.6378

■ 45.7943, 55.0475,
20.2174

■ 65.5315, 63.4019,
103.3916

■ 44.4628, 54.4606,
15.6612

■ 66.0558, 63.6722,
103.4162

■ 43.3633, 53.9671,
12.2959

■ 66.5862, 63.9456,
103.4410

■ 42.4746, 53.5586,
10.0098

■ 67.1227, 64.2222,
103.4661

■ 41.7714, 53.2250,
8.6701

■ 67.6653, 64.5019,
103.4915

■ 41.2475, 52.9681,
8.0499

■ 68.2141, 64.7848,
103.5172

Harmonies

Analogous

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



56.1492, 58.4656, 51.3454



53.7838, 58.4656, 52.1663



51.9469, 58.4656, 55.9574

Triad

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



53.7838, 58.4656, 52.1663



52.8111, 58.4656, 74.8692



60.3096, 58.4656, 65.3272

Complementary

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



53.7838, 58.4656, 52.1663



46.8341, 47.4284, 63.1893

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.



59.3573, 58.4656, 72.0370



53.7838, 58.4656, 52.1663



54.9944, 58.4656, 77.7991

Square

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



53.7838, 58.4656, 52.1663



51.3968, 58.4656, 68.9711



57.3949, 58.4656, 76.7269



59.9628, 58.4656, 58.6271

Rectangle

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



53.7838, 58.4656, 52.1663



51.2463, 58.4656, 59.8173



57.3949, 58.4656, 76.7269



60.1299, 58.4656, 67.6619

Sweetspot

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



53.7854, 58.4682, 52.1676



93.5867, 99.3851, 102.5298



49.8701, 49.8325, 50.7071



19.9495, 21.2380, 21.5905



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.



53.7854, 58.4682, 52.1676



89.0625, 97.4777, 83.1229



50.9754, 57.0196, 52.0361



12.0492, 13.0427, 11.9619



26.2888, 33.7277, 5.1245



1.3863, 1.7555, 0.2658

Inverse Universe

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



46.8341, 47.4284, 63.1893



75.1422, 75.3695, 105.1951



49.5106, 48.8082, 63.3145



10.6949, 10.8920, 14.1091



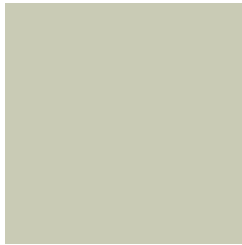
7.0586, 2.8464, 36.1336



0.3975, 0.1640, 1.8657

Previews

White Background



This preview shows how the XYZ color 53.7838, 58.4656, 52.1663 looks on a white background.

Color Contrast Check

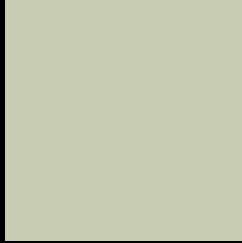
Large Text (above 18pt) WCAG AA × Fail

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 53.7838, 58.4656, 52.1663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

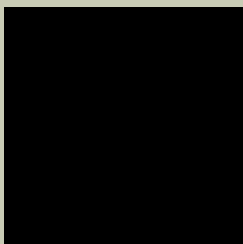
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

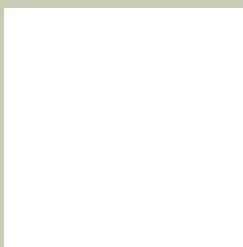
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7838, 58.4656, 52.1663

Background



This preview shows how black text looks on a background with the XYZ color 53.7838, 58.4656, 52.1663.



This preview shows how white text looks on a background with the XYZ color 53.7838, 58.4656,

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

53.7838, 58.4656, 52.1663

Protanopia

55.4708, 58.3055, 51.5105

Deuteranopia

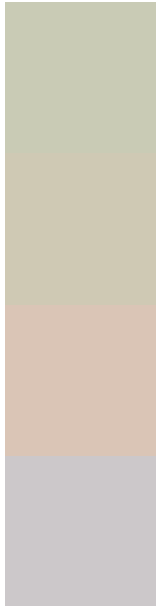
59.5176, 58.3334, 52.9223



Tritanopia

57.7853, 58.3650, 71.8383

Trichromacy



Original Color

53.7838, 58.4656, 52.1663

Protanomaly

54.8570, 58.3340, 51.5483

Deuteranomaly

57.3232, 58.2153, 52.4714

Tritanomaly

56.2168, 58.4102, 64.1885

Monochromacy



Original Color

53.7838, 58.4656, 52.1663

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.3317, 57.9029, 58.7649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7838, 58.4656, 52.1663 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(201, 203, 181)` looks like.

```
.text, #text, p{  
    color:rgb(201, 203, 181)  
}
```

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(201, 203, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 203, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.7838, 58.4656, 52.1663 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(201, 203, 181) }
```


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

```
.border{ border-color:rgb(201, 203, 181) }
```

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

Here you see how a box with a 4 pixel rgb(201, 203, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 203, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 203, 181);  
box-shadow:4px 4px 4px 4px rgb(201, 203,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7838, 58.4656, 52.1663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 203, 181) }
```

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

```
.background{ background-color: rgb(201,  
203, 181) }
```

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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