

Converting Colors

XYZ(53.7832, 57.6835, 55.8763)

Have a look what the booklet for
XYZ(53.7832, 57.6835, 55.8763)
contains.

XYZ(53.7832, 57.6835, 55.8763)	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(53.7832, 57.6835,
55.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C9BC
RGB	200, 201, 188
RGB Percent	78%, 79%, 74%
CMY	0.2157, 0.2117, 0.2627
CMYK	0.00, 0.00, 0.06, 0.21
HSL	65°, 11%, 76%
HSV	65°, 6%, 79%
XYZ	53.7832, 57.6835, 55.8763
YIQ	199.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

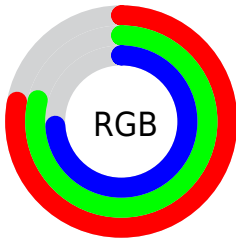
Format	Color
R _Y B	188, 201, 189
Decimal	13158844
CIE Lab	80.56, -2.66, 6.36
CIE LCh	81, 6.897, 112.658
Yxy	57.6835, 0.3214, 0.3447
Android (android.graphics.Color)	4291348924 (0xFFC8C9BC)
YUV	199.2190, -5.5310, 0.6849
Hunter-Lab	75.9497, -6.5084, 9.5450

Details

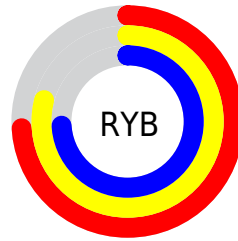
The XYZ color **53.7832, 57.6835, 55.8763** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5143, 51.0038, 62.4964**, and the grayscale version is **54.4528, 57.2886, 62.3873**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **26.6610, 28.7277, 27.0615** is the 20% darker color. If you saturate the color by 10%, you get **51.3539, 56.6660, 45.2284**, and if you desaturate by 10%, it is **56.5218, 58.8289, 68.1164**.

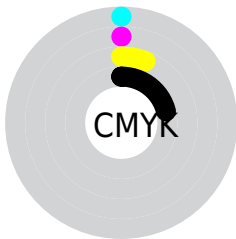
Distribution



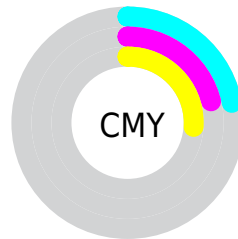
- Red (78%)
- Green (79%)
- Blue (74%)



- Red (74%)
- Yellow (79%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7832, 57.6835, 55.8763 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 53.7832, 57.6835, 55.8763 by changing the saturation by 10% instead.

■ 53.7832, 57.6835,
55.8763

■ 53.7832, 57.6835,
55.8763

391.4946,
416.0056, 426.6004

■ 38.6583, 41.5543,
39.7004

■ 94.9146, 101.4618,
100.3077

■ 26.6736, 28.7524,
26.9930

121.6519,
129.8797, 129.4003

■ 17.4635, 18.8936,
17.3356

152.9906,
163.1625, 163.6355

■ 10.6629, 11.5934,
10.3096

189.2963,
201.6948, 203.4319

■ 5.9062, 6.4675,
5.4964

230.9341,
245.8608, 249.2081

■ 2.8283, 3.1314,
2.4776

278.2696,

■ 1.0636, 1.2007,

296.0450, 301.3825

0.8282

331.6679,
352.6318, 360.3738

■ 0.0000, 0.0623,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7832, 57.6835,
55.8763

■ 53.7832, 57.6835,
55.8763

■ 51.3539, 56.6660,
45.2284

■ 56.5218, 58.8289,
68.1164

■ 49.2166, 55.7640,
36.1038

■ 59.5765, 60.0994,
82.0066

■ 47.3598, 54.9746,
28.4337

■ 62.9600, 61.5019,
97.6063

■ 45.7689, 54.2921,
22.1430

■ 64.4489, 62.1470,
103.2065

■ 44.4286, 53.7102,
17.1496

■ 64.8824, 62.3705,
103.2268

■ 43.3215, 53.2222,
13.3627

■ 65.3201, 62.5961,
103.2473

■ 42.4282, 52.8201,
10.6801

■ 65.7621, 62.8240,
103.2680

■ 41.7260, 52.4949,
8.9823

■ 66.2084, 63.0541,
103.2888

■ 41.1856, 52.2350,
8.1155

■ 66.6589, 63.2863,
103.3099

Harmonies

Analogous

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



55.1755, 57.6835, 55.3797



53.7832, 57.6835, 55.8763



52.6880, 57.6835, 58.1909

Triad

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



53.7832, 57.6835, 55.8763



53.1898, 57.6835, 69.2197



57.5742, 57.6835, 63.8103

Complementary

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



53.7832, 57.6835, 55.8763



49.5143, 51.0038, 62.4964

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.



57.0219, 57.6835, 67.6621



53.7832, 57.6835, 55.8763



54.4789, 57.6835, 70.8714

Square

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



53.7832, 57.6835, 55.8763



52.3496, 57.6835, 65.8627



55.8831, 57.6835, 70.2895



57.3802, 57.6835, 59.8484

Rectangle

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



53.7832, 57.6835, 55.8763



52.2658, 57.6835, 60.5095



55.8831, 57.6835, 70.2895



57.4694, 57.6835, 65.1630

Sweetspot

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



53.7848, 57.6860, 55.8775



94.0950, 99.6013, 104.6259



51.3353, 52.3877, 54.9840



20.1502, 21.3230, 22.4390



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.



53.7848, 57.6860, 55.8775



91.3607, 98.4576, 92.4836



52.1199, 56.8277, 55.7996



11.4400, 12.3738, 11.3482



25.8217, 32.8069, 4.9714



1.2473, 1.5661, 0.2365

Inverse Universe

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



49.5143, 51.0038, 62.4964



82.2940, 84.2706, 106.5362



51.1282, 51.8358, 62.5719



10.1313, 10.3259, 13.3766



6.7889, 2.7341, 34.9143



0.3484, 0.1433, 1.6544

Previews

White Background



This preview shows how the XYZ color 53.7832, 57.6835, 55.8763 looks on a white background.

Color Contrast Check

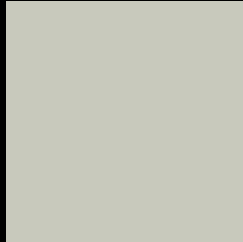
Large Text (above 18pt) WCAG AA × Fail

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 53.7832, 57.6835, 55.8763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

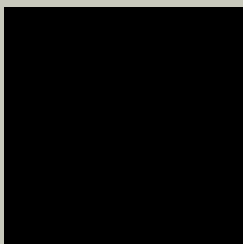
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

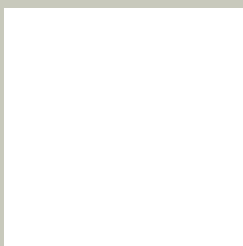
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7832, 57.6835, 55.8763

Background



This preview shows how black text looks on a background with the XYZ color 53.7832, 57.6835, 55.8763.



This preview shows how white text looks on a background with the XYZ color 53.7832, 57.6835,

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

53.7832, 57.6835, 55.8763

Protanopia

54.8467, 57.5565, 55.2325

Deuteranopia

58.7957, 57.5456, 56.7237



Tritanopia

56.8783, 57.5740, 71.0659

Trichromacy



Original Color

53.7832, 57.6835, 55.8763

Protanomaly

54.5258, 57.7338, 55.2836

Deuteranomaly

56.9496, 57.6011, 56.2607

Tritanomaly

55.7218, 57.4443, 65.2777

Monochromacy



Original Color

53.7832, 57.6835, 55.8763

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0578, 57.3908, 59.8581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7832, 57.6835, 55.8763 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(200, 201, 188)` looks like.

```
.text, #text, p{  
    color:rgb(200, 201, 188)  
}
```

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(200, 201, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 201, 188) }
```

Border

The CSS property to change the border of an element to XYZ 53.7832, 57.6835, 55.8763 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(200, 201, 188) }
```


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

```
.border{ border-color:rgb(200, 201, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 201, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 201, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 201, 188);  
box-shadow:4px 4px 4px 4px rgb(200, 201,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7832, 57.6835, 55.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 201, 188) }
```

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

```
.background{ background-color: rgb(200,  
201, 188) }
```

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