

Converting Colors

XYZ(53.5747, 58.2760, 63.4261)

Have a look what the booklet for
XYZ(53.5747, 58.2760, 63.4261)
contains.

XYZ(53.6368, 58.1354, 63.6526)	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(53.6368, 58.1354,
63.6526)**

Conversions

Conversions Part 1

Format	Color
Hex	C0CBC9
RGB	192, 203, 201
RGB Percent	75%, 80%, 79%
CMY	0.2471, 0.2039, 0.2118
CMYK	0.05, 0.00, 0.01, 0.20
HSL	169°, 10%, 77%
HSV	169°, 5%, 80%
XYZ	53.6368, 58.1354, 63.6526
YIQ	199.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

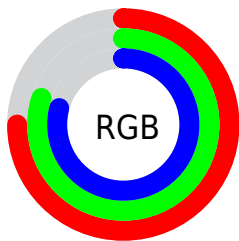
Format	Color
R_{YB}	192, 198, 203
Decimal	12635081
CIE _{Lab}	80.81, -4.12, -0.31
CIE _{LCh}	81, 4.128, 184.303
Yxy	58.1354, 0.3058, 0.3314
Android (android.graphics.Color)	4290825161 (0xFFC0CBC9)
YUV	199.4830, 0.7479, -6.5626
Hunter-Lab	76.2466, -7.8630, 3.8758

Details

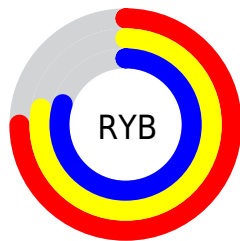
The XYZ color **53.6368, 58.1354, 63.6526** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2180, 54.2924, 58.7164**, and the grayscale version is **54.5815, 57.4240, 62.5348**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **26.6614, 29.0904, 31.8136** is the 20% darker color. If you saturate the color by 10%, you get **48.4178, 55.4962, 61.1669**, and if you desaturate by 10%, it is **59.5785, 61.1492, 66.2292**.

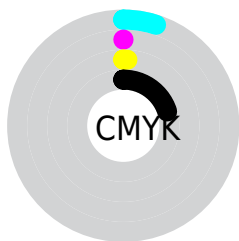
Distribution



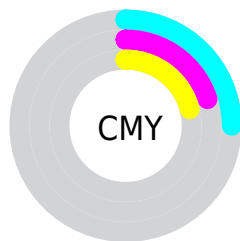
- Red (75%)
- Green (80%)
- Blue (79%)



- Red (75%)
- Yellow (78%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6368, 58.1354, 63.6526 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 53.6368, 58.1354, 63.6526 by changing the saturation by 10% instead.

■ 53.6368, 58.1354,
63.6526

■ 53.6368, 58.1354,
63.6526

390.9445,
417.6903, 456.1070

■ 38.5409, 41.9175,
45.9250

■ 94.7008, 102.1200,
111.7051

■ 26.5819, 29.0367,
31.8384

121.3995,
130.6555, 142.8671

■ 17.3944, 19.1086,
20.9743

152.6966,
164.0657, 179.3443

■ 10.6131, 11.7488,
12.9141

188.9574,
202.7349, 221.5552

■ 5.8727, 6.5728,
7.2394

230.5472,
247.0476, 269.9184

■ 2.8077, 3.1964,
3.5316

277.8315,

■ 1.0529, 1.2351,

297.3881, 324.8524

1.3721

331.1754,
354.1409, 386.7758

■ 0.0000, 0.0901,
0.1198

■ 0.0000, 0.0000,
0.0000

■ 53.6368, 58.1354,
63.6526

■ 53.6368, 58.1354,
63.6526

■ 48.4178, 55.4962,
61.1669

■ 59.5785, 61.1492,
66.2292

■ 43.8878, 53.2093,
58.7665

■ 66.2653, 64.5444,
68.8944

■ 40.0174, 51.2613,
56.4508

■ 73.7247, 68.3365,
71.6511

■ 36.7735, 49.6350,
54.2179

■ 74.9640, 68.9209,
74.1725

■ 34.1197, 48.3119,
52.0657

■ 75.4467, 69.1140,
76.7146

■ 32.0162, 47.2712,
49.9920

■ 75.9403, 69.3114,
79.3136

■ 30.4180, 46.4898,
47.9942

■ 76.4447, 69.5132,
81.9699

■ 29.2728, 45.9409,
46.0695

■ 76.9601, 69.7193,
84.6840

■ 28.5168, 45.5914,
44.2145

■ 77.4865, 69.9299,
87.4560

Harmonies

Analogous

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



53.7914, 58.1354, 61.2849



53.6368, 58.1354, 63.6526



53.9124, 58.1354, 65.9834

Triad

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



53.6368, 58.1354, 63.6526



56.1853, 58.1354, 67.2589



55.9701, 58.1354, 59.1612

Complementary

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



53.6368, 58.1354, 63.6526



53.2180, 54.2924, 58.7164

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.



56.6217, 58.1354, 60.6895



53.6368, 58.1354, 63.6526



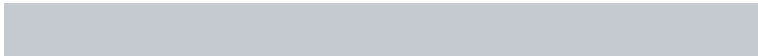
56.7468, 58.1354, 65.3579

Square

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



53.6368, 58.1354, 63.6526



55.3791, 58.1354, 68.0992



56.9074, 58.1354, 62.9478



55.1330, 58.1354, 58.7309

Rectangle

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



53.6368, 58.1354, 63.6526



54.3046, 58.1354, 67.1907



56.9074, 58.1354, 62.9478



56.2183, 58.1354, 59.5616

Sweetspot

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



53.6385, 58.1379, 63.6539



93.0494, 98.9859, 108.0279



53.1246, 57.9918, 58.2637



19.9374, 21.1977, 23.1316



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.



53.6385, 58.1379, 63.6539



88.2663, 96.5628, 105.8743



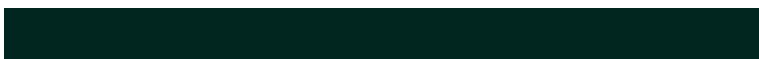
53.0620, 56.6054, 64.6321



11.6763, 12.8041, 14.0436



18.0044, 28.9471, 27.7720



0.9522, 1.5027, 1.5560

Inverse Universe

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



53.2180, 54.2924, 58.7164



87.3553, 88.2303, 95.1759



53.7686, 55.7513, 57.7973



11.5484, 11.6339, 12.5412



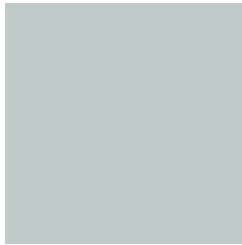
15.9101, 8.1746, 1.9795



0.8467, 0.4321, 0.2388

Previews

White Background



This preview shows how the XYZ color 53.6368, 58.1354, 63.6526 looks on a white background.

Color Contrast Check

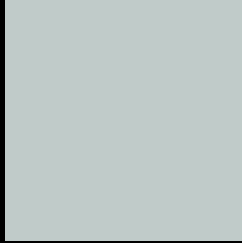
Large Text (above 18pt) WCAG AA × Fail

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 53.6368, 58.1354, 63.6526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

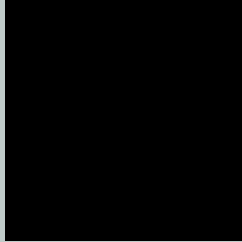
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

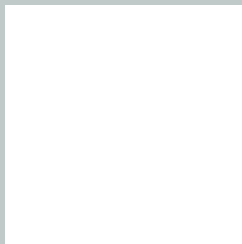
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6368, 58.1354, 63.6526

Background



This preview shows how black text looks on a background with the XYZ color 53.6368, 58.1354, 63.6526.



This preview shows how white text looks on a background with the XYZ color 53.6368, 58.1354,

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

53.6368, 58.1354, 63.6526

Protanopia

55.6341, 57.8077, 62.2586

Deuteranopia

59.2847, 57.9554, 64.5618



Tritanopia

55.9167, 58.3851, 73.9680

Trichromacy



Original Color

53.6368, 58.1354, 63.6526

Protanomaly

54.8990, 57.7580, 62.8985

Deuteranomaly

56.9214, 57.7521, 64.0243

Tritanomaly

55.1265, 58.4135, 69.9975

Monochromacy



Original Color

53.6368, 58.1354, 63.6526

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8446, 57.2144, 62.8492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6368, 58.1354, 63.6526 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(192, 203, 201) looks like.

```
.text, #text, p{  
    color:rgb(192, 203, 201)  
}
```

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(192, 203, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 203, 201) }
```

Border

The CSS property to change the border of an element to XYZ 53.6368, 58.1354, 63.6526 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(192, 203, 201) }
```


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

```
.border{ border-color:rgb(192, 203, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 203, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 203, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 203, 201);  
box-shadow:4px 4px 4px 4px rgb(192, 203,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6368, 58.1354, 63.6526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 203, 201) }
```

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

```
.background{ background-color: rgb(192,  
203, 201) }
```

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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