

Converting Colors

XYZ(53.5681, 58.1384, 65.4367)

Have a look what the booklet for
XYZ(53.5681, 58.1384, 65.4367)
contains.

XYZ(53.4902, 58.0187, 65.5062)	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(53.4902, 58.0187,
65.5062)**

Conversions

Conversions Part 1

Format	Color
Hex	BECBCC
RGB	190, 203, 204
RGB Percent	75%, 80%, 80%
CMY	0.2549, 0.2039, 0.2000
CMYK	0.07, 0.00, 0.00, 0.20
HSL	184°, 12%, 77%
HSV	184°, 7%, 80%
XYZ	53.4902, 58.0187, 65.5062
YIQ	199.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

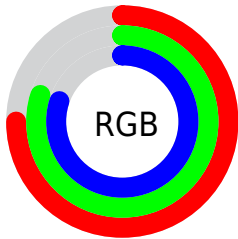
Format	Color
R _Y B	190, 197, 204
Decimal	12504012
CIE Lab	80.75, -4.21, -2.03
CIE LCh	81, 4.677, 205.714
Yxy	58.0187, 0.3022, 0.3278
Android (android.graphics.Color)	4290694092 (0xFFBECBCC)
YUV	199.2270, 2.3531, -8.0921
Hunter-Lab	76.1700, -7.9463, 2.3296

Details

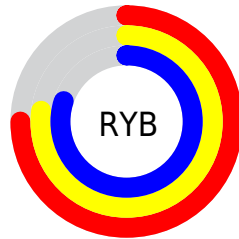
The XYZ color **53.4902, 58.0187, 65.5062** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8270, 53.8161, 56.3192**, and the grayscale version is **54.4160, 57.2499, 62.3451**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **26.5690, 29.0153, 33.0543** is the 20% darker color. If you saturate the color by 10%, you get **48.4064, 54.8928, 65.1717**, and if you desaturate by 10%, it is **59.2937, 61.5236, 65.8777**.

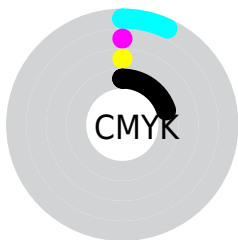
Distribution



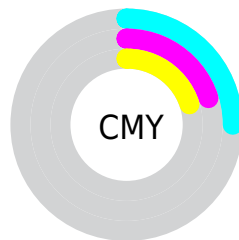
- Red (75%)
- Green (80%)
- Blue (80%)



- Red (75%)
- Yellow (77%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4902, 58.0187, 65.5062 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 53.4902, 58.0187, 65.5062 by changing the saturation by 10% instead.

■ 53.4902, 58.0187,
65.5062

■ 53.4902, 58.0187,
65.5062

390.3931,
417.2556, 462.9647

■ 38.4233, 41.8237,
47.4177

■ 94.4866, 101.9501,
114.3975

■ 26.4901, 28.9633,
33.0093

121.1468,
130.4553, 146.0375

■ 17.3252, 19.0530,
21.8624

152.4021,
163.8326, 183.0316

■ 10.5634, 11.7086,
13.5585

188.6179,
202.4665, 225.7985

■ 5.8392, 6.5456,
7.6790

230.1596,
246.7413, 274.7568

■ 2.7873, 3.1796,
3.8054

277.3924,

■ 1.0423, 1.2262,

297.0415, 330.3249

1.5192

330.6818,
353.7515, 392.9213

■ 0.0000, 0.0829,
0.2322

■ 0.0000, 0.0000,
0.0000

■ 53.4902, 58.0187,
65.5062

■ 53.4902, 58.0187,
65.5062

■ 48.4064, 54.8928,
65.1717

■ 59.2937, 61.5236,
65.8777

■ 44.0079, 52.1233,
64.8689

■ 65.8397, 65.4145,
66.2837

■ 40.2649, 49.6964,
64.5978

■ 73.1561, 69.7074,
66.7267

■ 37.1432, 47.5946,
64.3566

■ 74.8940, 71.1292,
66.9096

■ 34.6060, 45.7988,
64.1437

■ 75.2515, 71.8442,
67.0287

■ 32.6121, 44.2878,
63.9572

■ 75.6123, 72.5658,
67.1490

■ 31.1153, 43.0378,
63.7948

■ 75.9763, 73.2938,
67.2703

■ 30.0613, 42.0207,
63.6540

■ 76.3436, 74.0284,
67.3928

■ 29.3787, 41.1998,
63.5315

■ 76.7142, 74.7696,
67.5163

Harmonies

Analogous

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



53.3154, 58.0187, 62.7762



53.4902, 58.0187, 65.5062



54.1064, 58.0187, 67.6654

Triad

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



53.4902, 58.0187, 65.5062



56.6923, 58.0187, 66.2134



55.2838, 58.0187, 58.0204

Complementary

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



53.4902, 58.0187, 65.5062



52.8270, 53.8161, 56.3192

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.



56.1968, 58.0187, 58.8830



53.4902, 58.0187, 65.5062



57.0160, 58.0187, 63.5704

Square

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



53.4902, 58.0187, 65.5062



55.9540, 58.0187, 68.0820



56.8337, 58.0187, 60.8949



54.3439, 58.0187, 58.5049

Rectangle

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



53.4902, 58.0187, 65.5062



54.6885, 58.0187, 68.4631



56.8337, 58.0187, 60.8949



55.6041, 58.0187, 58.1617

Sweetspot

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



53.4919, 58.0212, 65.5075



93.0828, 98.8141, 108.7748



52.2255, 57.8924, 57.6743



19.9442, 21.1627, 23.2836



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.



53.4919, 58.0212, 65.5075



87.4775, 95.4111, 108.4134



51.8901, 54.8176, 64.9736



11.4723, 12.5850, 14.3949



18.4075, 25.8390, 39.9735



0.9706, 1.3749, 2.0692

Inverse Universe

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



54.0960, 53.9771, 64.0703



88.6510, 87.5747, 105.6179



54.3758, 56.9137, 56.8355



11.6517, 11.3894, 13.9667



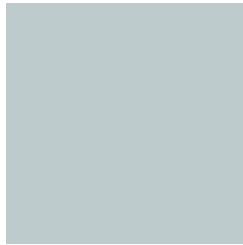
21.5022, 10.4115, 31.4268



1.1198, 0.5413, 1.6769

Previews

White Background



This preview shows how the XYZ color 53.4902, 58.0187, 65.5062 looks on a white background.

Color Contrast Check

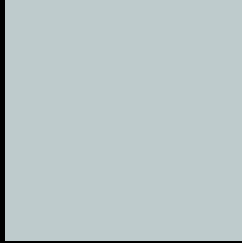
Large Text (above 18pt) WCAG AA × Fail

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 53.4902, 58.0187, 65.5062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

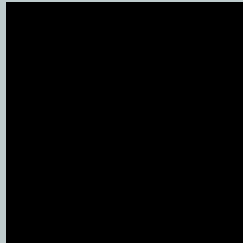
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

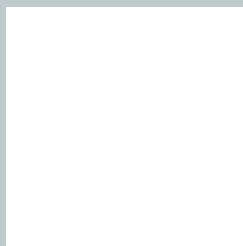
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4902, 58.0187, 65.5062

Background



This preview shows how black text looks on a background with the XYZ color 53.4902, 58.0187, 65.5062.



This preview shows how white text looks on a background with the XYZ color 53.4902, 58.0187,

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

53.4902, 58.0187, 65.5062

Protanopia

55.7127, 57.8076, 64.0987

Deuteranopia

59.0476, 57.7915, 66.4353



Tritanopia

55.1493, 57.9895, 73.9321

Trichromacy



Original Color

53.4902, 58.0187, 65.5062

Protanomaly

54.7225, 57.6261, 64.7387

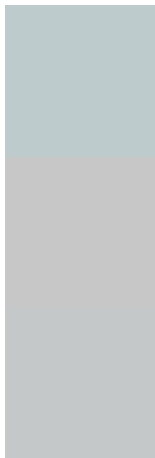
Deuteranomaly

56.7178, 57.6057, 65.8873

Tritanomaly

54.4901, 58.0709, 70.6242

Monochromacy



Original Color

53.4902, 58.0187, 65.5062

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.9618, 57.2614, 63.4668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4902, 58.0187, 65.5062 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(190, 203, 204) looks like.

```
.text, #text, p{  
    color:rgb(190, 203, 204)  
}
```

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(190, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 203, 204) }
```

Border

The CSS property to change the border of an element to XYZ 53.4902, 58.0187, 65.5062 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(190, 203, 204) }
```


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

```
.border{ border-color:rgb(190, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(190, 203,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4902, 58.0187, 65.5062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 203, 204) }
```

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

```
.background{ background-color: rgb(190,  
203, 204) }
```

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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