

Converting Colors

XYZ(53.6260, 58.6582, 63.0126)

Have a look what the booklet for
XYZ(53.6260, 58.6582, 63.0126)
contains.

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Color

**XYZ(53.5041, 58.4322,
63.1022)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCCC8
RGB	191, 204, 200
RGB Percent	75%, 80%, 78%
CMY	0.2510, 0.2000, 0.2157
CMYK	0.06, 0.00, 0.02, 0.20
HSL	162°, 11%, 77%
HSV	162°, 6%, 80%
XYZ	53.5041, 58.4322, 63.1022
YIQ	199.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

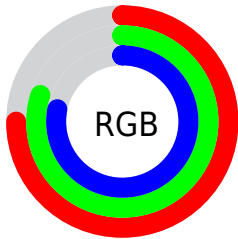
Format	Color
RYB	191, 199, 204
Decimal	12569800
CIELab	80.98, -5.17, 0.46
CIELCh	81, 5.187, 174.942
Yxy	58.4322, 0.3057, 0.3338
Android (android.graphics.Color)	4290759880 (0xFFBFCCC8)
YUV	199.6570, 0.1691, -7.5922
Hunter-Lab	76.4410, -8.8323, 4.5646

Details

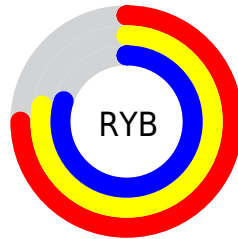
The XYZ color **53.5041, 58.4322, 63.1022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3851, 54.0407, 59.2498**, and the grayscale version is **54.6920, 57.5403, 62.6613**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **26.5759, 29.2913, 31.4472** is the 20% darker color. If you saturate the color by 10%, you get **48.0081, 55.6836, 59.0926**, and if you desaturate by 10%, it is **59.7482, 61.5662, 67.3067**.

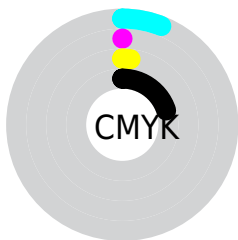
Distribution



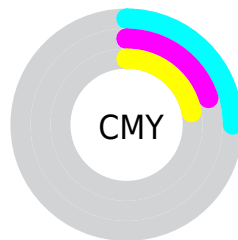
- Red (75%)
- Green (80%)
- Blue (78%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5041, 58.4322, 63.1022 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 53.5041, 58.4322, 63.1022 by changing the saturation by 10% instead.

■ 53.5041, 58.4322,
63.1022

■ 53.5041, 58.4322,
63.1022

390.4454,
418.7945, 454.0585

■ 38.4344, 42.1562,
45.4824

■ 94.5069, 102.5520,
110.9039

■ 26.4988, 29.2236,
31.4918

121.1707,
131.1645, 141.9229

■ 17.3318, 19.2501,
20.7120

152.4300,
164.6581, 178.2454

■ 10.5681, 11.8511,
12.7245

188.6501,
203.4170, 220.2898

■ 5.8424, 6.6424,
7.1106

230.1963,
247.8258, 268.4748

■ 2.7892, 3.2395,
3.4519

277.4341,

■ 1.0433, 1.2580,

298.2686, 323.2189

1.3297

330.7286,
355.1301, 384.9406

■ 0.0000, 0.1083,
0.0860

■ 0.0000, 0.0000,
0.0000

■ 53.5041, 58.4322,
63.1022

■ 53.5041, 58.4322,
63.1022

■ 48.0081, 55.6836,
59.0926

■ 59.7482, 61.5662,
67.3067

■ 43.2255, 53.2977,
55.2707

■ 66.7634, 65.0926,
71.7053

■ 39.1262, 51.2607,
51.6344

■ 74.5779, 69.0275,
76.3024

■ 35.6760, 49.5549,
48.1803

■ 76.4414, 69.8909,
80.7838

■ 32.8376, 48.1613,
44.9045

■ 77.3148, 70.2402,
85.3834

■ 30.5698, 47.0585,
41.8032

■ 78.2202, 70.6024,
90.1508

■ 28.8263, 46.2227,
38.8721

■ 79.1577, 70.9774,
95.0877

■ 27.5529, 45.6261,
36.1066

■ 80.1277, 71.3654,
100.1958

■ 26.6807, 45.2333,
33.5014

■ 80.8839, 71.6679,
104.1780

Harmonies

Analogous

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



53.8629, 58.4322, 60.2821



53.5041, 58.4322, 63.1022



53.6845, 58.4322, 66.1523

Triad

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



53.5041, 58.4322, 63.1022



56.4144, 58.4322, 69.1437



56.7340, 58.4322, 58.8982

Complementary

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



53.5041, 58.4322, 63.1022



53.3851, 54.0407, 59.2498

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.



57.4338, 58.4322, 61.1584



53.5041, 58.4322, 63.1022



57.2476, 58.4322, 67.0846

Square

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



53.5041, 58.4322, 63.1022



55.3560, 58.4322, 69.7045



57.6229, 58.4322, 64.1461



55.7205, 58.4322, 57.9054

Rectangle

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



53.5041, 58.4322, 63.1022



54.0876, 58.4322, 67.8974



57.6229, 58.4322, 64.1461



57.0142, 58.4322, 59.5313

Sweetspot

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



53.5058, 58.4347, 63.1035



92.9467, 98.9448, 107.4874



53.5346, 58.5676, 57.7743



19.9165, 21.1893, 23.0216



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.



53.5058, 58.4347, 63.1035



86.9442, 95.9362, 103.3286



53.4176, 57.4997, 65.4127



11.3905, 12.6659, 13.6137



16.6694, 28.4131, 20.7418



0.8929, 1.4790, 1.2437

Inverse Universe

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



53.3851, 54.0407, 59.2498



86.6932, 86.7916, 95.3086



53.4626, 54.9103, 57.0722



11.3522, 11.2696, 12.3891



16.2717, 8.3193, 3.8833



0.8736, 0.4428, 0.3801

Previews

White Background



This preview shows how the XYZ color 53.5041, 58.4322, 63.1022 looks on a white background.

Color Contrast Check

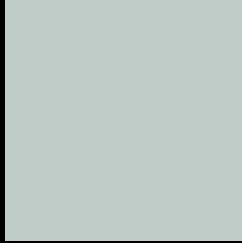
Large Text (above 18pt) WCAG AA × Fail

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 53.5041, 58.4322, 63.1022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

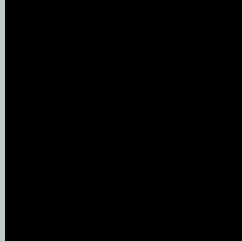
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

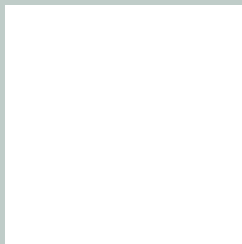
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5041, 58.4322, 63.1022

Background



This preview shows how black text looks on a background with the XYZ color 53.5041, 58.4322, 63.1022.



This preview shows how white text looks on a background with the XYZ color 53.5041, 58.4322,

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

53.5041, 58.4322, 63.1022

Protanopia

56.0242, 58.3649, 61.7388

Deuteranopia

59.4677, 58.0635, 63.9502



Tritanopia

55.6592, 58.2524, 73.9559

Trichromacy



Original Color

53.5041, 58.4322, 63.1022

Protanomaly

55.0149, 58.1762, 62.3624

Deuteranomaly

57.0312, 58.1605, 63.4786

Tritanomaly

54.8707, 58.2817, 69.9855

Monochromacy



Original Color

53.5041, 58.4322, 63.1022

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.3379, 57.8137, 62.9388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5041, 58.4322, 63.1022 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(191, 204, 200)` looks like.

```
.text, #text, p{  
    color:rgb(191, 204, 200)  
}
```

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(191, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 204, 200) }
```

Border

The CSS property to change the border of an element to XYZ 53.5041, 58.4322, 63.1022 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(191, 204, 200) }
```


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

```
.border{ border-color:rgb(191, 204, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(191, 204,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5041, 58.4322, 63.1022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 204, 200) }
```

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

```
.background{ background-color: rgb(191,  
204, 200) }
```

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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