

Converting Colors

XYZ(53.0325, 59.6982, 59.7667)

Have a look what the booklet for
XYZ(53.0325, 59.6982, 59.7667)
contains.

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Color

**XYZ(53.0325, 59.6982,
59.7667)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD0C2
RGB	188, 208, 194
RGB Percent	74%, 82%, 76%
CMY	0.2627, 0.1843, 0.2392
CMYK	0.10, 0.00, 0.07, 0.18
HSL	138°, 18%, 78%
HSV	138°, 10%, 82%
XYZ	53.0325, 59.6982, 59.7667
YIQ	200.4240, -7.4260, -8.5940

Conversions

Conversions Part 2

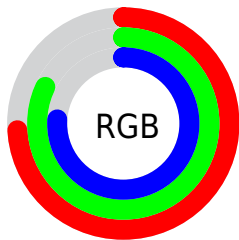
Format	Color
R _Y B	188, 203, 208
Decimal	12374210
CIE Lab	81.67, -9.38, 4.65
CIE LCh	82, 10.469, 153.644
Yxy	59.6982, 0.3074, 0.3461
Android (android.graphics.Color)	4290564290 (0xFFBCD0C2)
YUV	200.4240, -3.1670, -10.8958
Hunter-Lab	77.2646, -12.6951, 8.2225

Details

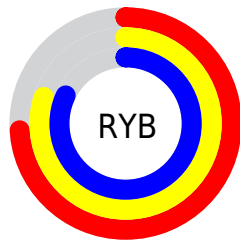
The XYZ color **53.0325, 59.6982, 59.7667** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6585, 53.6420, 63.3531**, and the grayscale version is **55.1847, 58.0586, 63.2258**.

A 20% lighter version of the original color is **90.3235, 97.6552, 104.5313**, and **26.2809, 30.1555, 29.2464** is the 20% darker color. If you saturate the color by 10%, you get **46.7171, 56.6240, 51.3490**, and if you desaturate by 10%, it is **60.2500, 63.2223, 69.0657**.

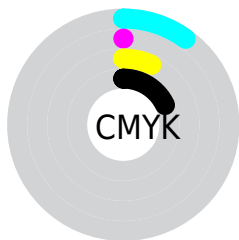
Distribution



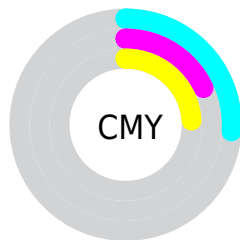
- Red (74%)
- Green (82%)
- Blue (76%)



- Red (74%)
- Yellow (80%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0325, 59.6982, 59.7667 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 53.0325, 59.6982, 59.7667 by changing the saturation by 10% instead.

■ 53.0325, 59.6982,
59.7667

■ 53.0325, 59.6982,
59.7667

388.6686,
423.4845, 441.5180

■ 38.0563, 43.1754,
42.8065

■ 93.8174, 104.3917,
106.0312

■ 26.2038, 30.0228,
29.4031

120.3569,
133.3313, 136.1727

■ 17.1096, 19.8559,
19.1378

151.4815,
167.1786, 171.5450

■ 10.4085, 12.2903,
11.5920

187.5565,
206.3179, 212.5666

■ 5.7350, 6.9417,
6.3474

228.9474,
251.1338, 259.6563

■ 2.7237, 3.4257,
2.9853

276.0195,

■ 1.0094, 1.3578,

302.0106, 313.2323

1.0871

329.1381,
359.3327, 373.7134

■ 0.0000, 0.1853,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.0325, 59.6982,
59.7667

■ 53.0325, 59.6982,
59.7667

■ 46.7171, 56.6240,
51.3490

■ 60.2500, 63.2223,
69.0657

■ 41.2629, 53.9741,
43.7829

■ 68.3986, 67.2058,
79.2666

■ 36.6330, 51.7316,
37.0430

■ 77.5122, 71.6671,
90.3943

■ 32.7859, 49.8759,
31.1010

■ 81.4068, 73.4180,
102.1806

■ 29.6763, 48.3842,
25.9271

■ 81.8471, 73.5941,
104.4990

■ 27.2543, 47.2313,
21.4894

■ 25.4632, 46.3888,
17.7539

■ 24.2368, 45.8232,
14.6837

■ 23.4629, 45.4776,
12.2369

Harmonies

Analogous

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



54.4285, 59.6982, 55.4228



53.0325, 59.6982, 59.7667



52.6212, 59.6982, 65.7746

Triad

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



53.0325, 59.6982, 59.7667



57.0108, 59.6982, 77.8649



60.3385, 59.6982, 58.5138

Complementary

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



53.0325, 59.6982, 59.7667



54.6585, 53.6420, 63.3531

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.



61.0712, 59.6982, 64.2338



53.0325, 59.6982, 59.7667



59.1188, 59.6982, 75.6241

Square

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



53.0325, 59.6982, 59.7667



54.8829, 59.6982, 76.4795



60.6192, 59.6982, 70.5327



58.6413, 59.6982, 54.7329

Rectangle

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



53.0325, 59.6982, 59.7667



52.9516, 59.6982, 69.9850



60.6192, 59.6982, 70.5327



60.7077, 59.6982, 60.2598

Sweetspot

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



53.0342, 59.7007, 59.7680



91.4410, 98.2377, 104.2930



56.0827, 61.3486, 56.4632



19.3706, 20.9285, 22.0642



0.0000, 0.0000, 0.0000



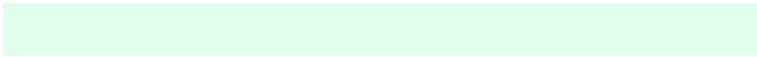
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.0342, 59.7007, 59.7680



81.4154, 93.3476, 91.2518



54.1560, 60.1495, 65.6756



11.8002, 13.2638, 13.3041



14.6443, 28.3506, 7.7730



0.8539, 1.5992, 0.6192

Inverse Universe

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



54.6585, 53.6420, 63.3531



84.6104, 81.4294, 98.3030



53.5489, 53.1982, 57.5101



12.1534, 11.9461, 14.0838



19.4715, 9.6615, 17.9211



1.1229, 0.5539, 1.1819

Previews

White Background



This preview shows how the XYZ color 53.0325, 59.6982, 59.7667 looks on a white background.

Color Contrast Check

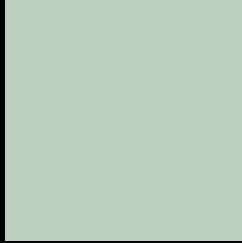
Large Text (above 18pt) WCAG AA × Fail

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 53.0325, 59.6982, 59.7667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

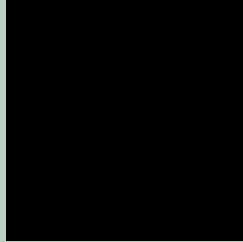
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0325, 59.6982, 59.7667

Background



This preview shows how black text looks on a background with the XYZ color 53.0325, 59.6982, 59.7667.



This preview shows how white text looks on a background with the XYZ color 53.0325, 59.6982,

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

53.0325, 59.6982, 59.7667

Protanopia

56.8190, 59.5580, 57.7914

Deuteranopia

60.7551, 59.4729, 60.5018



Tritanopia

56.2494, 59.5595, 76.2416

Trichromacy



Original Color

53.0325, 59.6982, 59.7667

Protanomaly

55.1947, 59.4090, 58.4272

Deuteranomaly

57.6560, 59.2457, 60.0265

Tritanomaly

55.0751, 59.4422, 70.1987

Monochromacy



Original Color

53.0325, 59.6982, 59.7667

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.3139, 58.5249, 61.8599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0325, 59.6982, 59.7667 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(188, 208, 194)` looks like.

```
.text, #text, p{  
    color:rgb(188, 208, 194)  
}
```

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(188, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 208, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.0325, 59.6982, 59.7667 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(188, 208, 194) }
```


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

```
.border{ border-color:rgb(188, 208, 194) }
```

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

Here you see how a box with a 4 pixel rgb(188, 208, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 208, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 208, 194);  
box-shadow:4px 4px 4px 4px rgb(188, 208,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0325, 59.6982, 59.7667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 208, 194) }
```

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

```
.background{ background-color: rgb(188,  
208, 194) }
```

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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