

Converting Colors

XYZ(53.3349, 58.9830, 65.1252)

Have a look what the booklet for
XYZ(53.3349, 58.9830, 65.1252)
contains.

XYZ(53.3443, 59.0192, 65.0802)	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(53.3443, 59.0192,
65.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCECB
RGB	187, 206, 203
RGB Percent	73%, 81%, 80%
CMY	0.2667, 0.1921, 0.2039
CMYK	0.09, 0.00, 0.01, 0.19
HSL	171°, 16%, 77%
HSV	171°, 9%, 81%
XYZ	53.3443, 59.0192, 65.0802
YIQ	199.9770, -10.3610, -4.9610

Conversions

Conversions Part 2

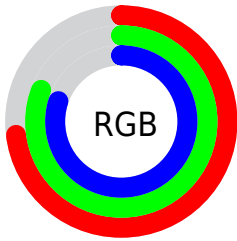
Format	Color
RYB	187, 197, 206
Decimal	12308171
CIELab	81.30, -6.97, -0.71
CIELCh	81, 7.009, 185.807
Yxy	59.0192, 0.3006, 0.3326
Android (android.graphics.Color)	4290498251 (0xFFBBCECB)
YUV	199.9770, 1.4903, -11.3808
Hunter-Lab	76.8240, -10.4968, 3.5502

Details

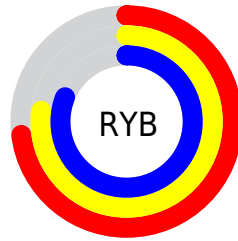
The XYZ color **53.3443, 59.0192, 65.0802** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5203, 52.3817, 56.0605**, and the grayscale version is **54.8826, 57.7408, 62.8797**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **26.4846, 29.6947, 32.7695** is the 20% darker color. If you saturate the color by 10%, you get **48.2782, 56.4535, 62.8401**, and if you desaturate by 10%, it is **59.1449, 61.9658, 67.3997**.

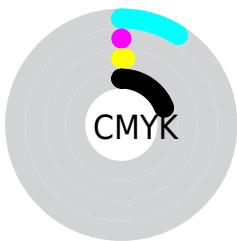
Distribution



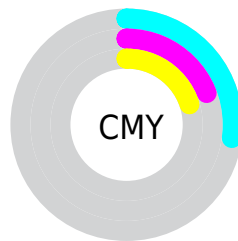
- Red (73%)
- Green (81%)
- Blue (80%)



- Red (73%)
- Yellow (77%)
- Blue (81%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3443, 59.0192, 65.0802 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 53.3443, 59.0192, 65.0802 by changing the saturation by 10% instead.

■ 53.3443, 59.0192,
65.0802

■ 53.3443, 59.0192,
65.0802

389.8439,
420.9731, 461.3942

■ 38.3063, 42.6286,
47.0744

■ 94.2734, 103.4056,
113.7795

■ 26.3988, 29.5938,
32.7397

120.8951,
132.1701, 145.3101

■ 17.2564, 19.5305,
21.6576

152.1088,
165.8281, 182.1860

■ 10.5139, 12.0542,
13.4096

188.2798,
204.7638, 224.8258

■ 5.8059, 6.7806,
7.5772

229.7734,
249.3618, 273.6479

■ 2.7669, 3.3253,
3.7417

276.9551,

■ 1.0317, 1.3038,

300.0064, 329.0710

1.4848

330.1902,
357.0821, 391.5136

■ 0.0000, 0.1442,
0.2065

■ 0.0000, 0.0000,
0.0000

■ 53.3443, 59.0192,
65.0802

■ 53.3443, 59.0192,
65.0802

■ 48.2782, 56.4535,
62.8401

■ 59.1449, 61.9658,
67.3997

■ 43.9108, 54.2455,
60.6737

■ 65.7038, 65.3008,
69.7963

■ 40.2110, 52.3806,
58.5805

■ 73.0500, 69.0407,
72.2727

■ 37.1432, 50.8407,
56.5588

■ 75.7102, 70.3639,
74.5732

■ 34.6686, 49.6056,
54.6062

■ 76.1354, 70.5340,
76.8126

■ 32.7439, 48.6532,
52.7207

■ 76.5691, 70.7075,
79.0961

■ 31.3201, 47.9580,
50.8995

■ 77.0112, 70.8843,
81.4241

■ 30.3392, 47.4903,
49.1398

■ 77.4617, 71.0646,
83.7968

■ 29.7033, 47.1995,
47.4366

■ 77.9208, 71.2482,
86.2144

Harmonies

Analogous

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



53.5695, 59.0192, 61.0172



53.3443, 59.0192, 65.0802



53.8459, 59.0192, 69.0902

Triad

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



53.3443, 59.0192, 65.0802



57.7575, 59.0192, 71.0178



57.2564, 59.0192, 57.1913

Complementary

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



53.3443, 59.0192, 65.0802



52.5203, 52.3817, 56.0605

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.



58.4079, 59.0192, 59.6639



53.3443, 59.0192, 65.0802



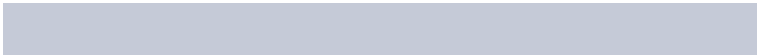
58.7006, 59.0192, 67.6196

Square

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



53.3443, 59.0192, 65.0802



56.3810, 59.0192, 72.6126



58.9407, 59.0192, 63.4504



55.8119, 59.0192, 56.5772

Rectangle

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



53.3443, 59.0192, 65.0802



54.5303, 59.0192, 71.1569



58.9407, 59.0192, 63.4504



57.6914, 59.0192, 57.8273

Sweetspot

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



53.3460, 59.0217, 65.0815



92.0973, 98.5002, 107.7490



52.3196, 58.7016, 55.5876



19.5478, 20.9994, 22.9973



0.0000, 0.0000, 0.0000



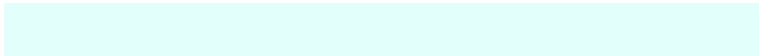
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3460, 59.0217, 65.0815



84.7672, 94.7805, 104.7362



52.2130, 56.1774, 66.4869



11.4641, 12.6954, 14.0015



18.2917, 29.0620, 29.2849



0.9646, 1.5077, 1.6213

Inverse Universe

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



52.5203, 52.3817, 56.0605



83.1734, 81.9620, 87.3217



53.5690, 54.9990, 54.8071



11.2834, 11.2421, 12.0271



15.8622, 8.1555, 1.7268



0.8417, 0.4301, 0.2122

Previews

White Background



This preview shows how the XYZ color 53.3443, 59.0192, 65.0802 looks on a white background.

Color Contrast Check

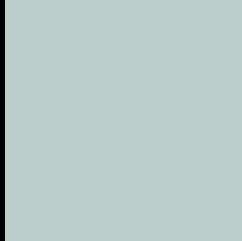
Large Text (above 18pt) WCAG AA × Fail

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 53.3443, 59.0192, 65.0802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

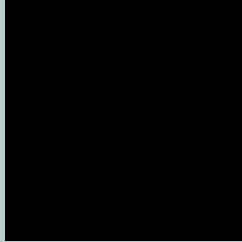
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

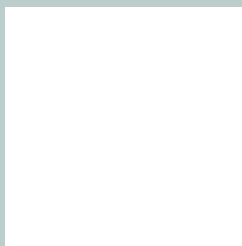
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3443, 59.0192, 65.0802

Background



This preview shows how black text looks on a background with the XYZ color 53.3443, 59.0192, 65.0802.



This preview shows how white text looks on a background with the XYZ color 53.3443, 59.0192,

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

53.3443, 59.0192, 65.0802

Protanopia

56.7656, 59.0652, 63.0524

Deuteranopia

60.0498, 58.6536, 65.9139



Tritanopia

55.5094, 58.8263, 76.1391

Trichromacy



Original Color

53.3443, 59.0192, 65.0802

Protanomaly

55.4517, 59.0710, 63.7376

Deuteranomaly

57.3349, 58.6164, 65.4190

Tritanomaly

54.7167, 58.8596, 72.0955

Monochromacy



Original Color

53.3443, 59.0192, 65.0802

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.1688, 58.0602, 63.6101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3443, 59.0192, 65.0802 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(187, 206, 203)` looks like.

```
.text, #text, p{  
    color:rgb(187, 206, 203)  
}
```

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(187, 206, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 206, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.3443, 59.0192, 65.0802 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(187, 206, 203) }
```


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

```
.border{ border-color:rgb(187, 206, 203) }
```

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

Here you see how a box with a 4 pixel rgb(187, 206, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 206, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 206, 203);  
box-shadow:4px 4px 4px 4px rgb(187, 206,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3443, 59.0192, 65.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 206, 203) }
```

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

```
.background{ background-color: rgb(187,  
206, 203) }
```

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