

Converting Colors

XYZ(53.4302, 59.3372, 59.9943)

Have a look what the booklet for
XYZ(53.4302, 59.3372, 59.9943)
contains.

XYZ(53.4075, 59.1591, 60.2337)	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(53.4075, 59.1591,
60.2337)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCEC3
RGB	191, 206, 195
RGB Percent	75%, 81%, 76%
CMY	0.2510, 0.1921, 0.2353
CMYK	0.07, 0.00, 0.05, 0.19
HSL	136°, 13%, 78%
HSV	136°, 7%, 81%
XYZ	53.4075, 59.1591, 60.2337
YIQ	200.2610, -5.4090, -6.6010

Conversions

Conversions Part 2

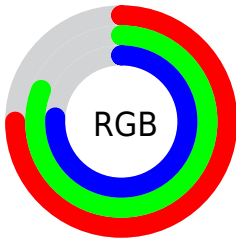
Format	Color
RYB	191, 203, 206
Decimal	12570307
CIELab	81.38, -7.14, 3.71
CIELCh	81, 8.049, 152.524
Yxy	59.1591, 0.3091, 0.3424
Android (android.graphics.Color)	4290760387 (0xFFBFCEC3)
YUV	200.2610, -2.5937, -8.1219
Hunter-Lab	76.9150, -10.6560, 7.4092

Details

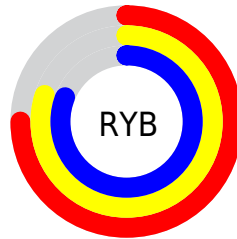
The XYZ color **53.4075, 59.1591, 60.2337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7472, 54.6492, 63.5429**, and the grayscale version is **55.0798, 57.9482, 63.1056**.

A 20% lighter version of the original color is **91.6885, 98.3224, 106.2411**, and **26.5172, 29.7828, 29.5504** is the 20% darker color. If you saturate the color by 10%, you get **46.9642, 56.0266, 51.4620**, and if you desaturate by 10%, it is **60.7557, 62.7414, 69.9526**.

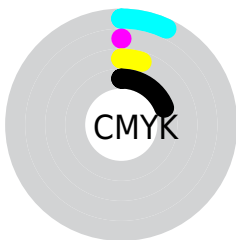
Distribution



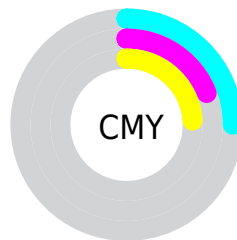
- Red (75%)
- Green (81%)
- Blue (76%)



- Red (75%)
- Yellow (80%)
- Blue (81%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (25%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4075, 59.1591, 60.2337 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 53.4075, 59.1591, 60.2337 by changing the saturation by 10% instead.

■ 53.4075, 59.1591,
60.2337

■ 53.4075, 59.1591,
60.2337

390.0819,
421.4913, 443.2872

■ 38.3570, 42.7412,
43.1805

■ 94.3657, 103.6089,
106.7153

■ 26.4383, 29.6821,
29.6943

121.0041,
132.4095, 136.9808

■ 17.2862, 19.5974,
19.3566

152.2359,
166.1066, 172.4874

■ 10.5353, 12.1028,
11.7488

188.4263,
205.0844, 213.6538

■ 5.8203, 6.8137,
6.4524

229.9407,
249.7274, 260.8984

■ 2.7757, 3.3459,
3.0489

277.1446,

■ 1.0363, 1.3149,

300.4199, 314.6398

1.1196

330.4032,
357.5464, 375.2966

■ 0.0000, 0.1527,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.4075, 59.1591,
60.2337

■ 53.4075, 59.1591,
60.2337

■ 46.9642, 56.0266,
51.4620

■ 60.7557, 62.7414,
69.9526

■ 41.3854, 53.3188,
43.6051

■ 69.0372, 66.7827,
80.6418

■ 36.6351, 51.0193,
36.6348

■ 78.2854, 71.3012,
92.3287

■ 32.6728, 49.1079,
30.5195

■ 81.3624, 72.6249,
104.3375

■ 29.4544, 47.5625,
25.2262

■ 26.9312, 46.3590,
20.7195

■ 25.0489, 45.4698,
16.9614

■ 23.7441, 44.8633,
13.9106

■ 22.9326, 44.4970,
11.5216

Harmonies

Analogous

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



54.5076, 59.1591, 56.9143



53.4075, 59.1591, 60.2337



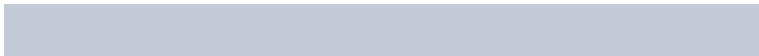
53.0587, 59.1591, 64.8231

Triad

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



53.4075, 59.1591, 60.2337



56.3715, 59.1591, 74.1200



59.0008, 59.1591, 59.5604

Complementary

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



53.4075, 59.1591, 60.2337



54.7472, 54.6492, 63.5429

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.



59.5230, 59.1591, 64.0070



53.4075, 59.1591, 60.2337



57.9862, 59.1591, 72.5457

Square

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



53.4075, 59.1591, 60.2337



54.7496, 59.1591, 72.9882



59.1481, 59.1591, 68.7838



57.7347, 59.1591, 56.5394

Rectangle

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



53.4075, 59.1591, 60.2337



53.2935, 59.1591, 68.0288



59.1481, 59.1591, 68.7838



59.2703, 59.1591, 60.9300

Sweetspot

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



53.4092, 59.1616, 60.2350



92.6021, 98.8070, 105.6726



55.9024, 60.4985, 58.0221



19.8463, 21.1613, 22.6522



0.0000, 0.0000, 0.0000



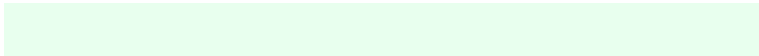
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4092, 59.1616, 60.2350



84.5124, 94.8671, 94.8758



54.2494, 59.4977, 64.6598



11.1888, 12.5853, 12.5518



14.0490, 27.3649, 6.9432



0.7570, 1.4246, 0.5279

Inverse Universe

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



54.7472, 54.6492, 63.5429



87.1911, 85.8335, 101.4976



53.9084, 54.3137, 59.1253



11.5549, 11.3507, 13.4567



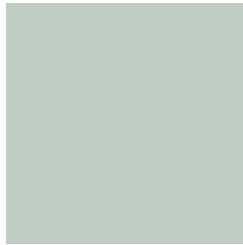
19.1591, 9.4742, 19.0885



1.0188, 0.5009, 1.1449

Previews

White Background



This preview shows how the XYZ color 53.4075, 59.1591, 60.2337 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 53.4075, 59.1591, 60.2337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

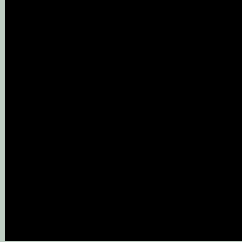
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

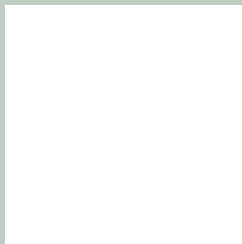
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4075, 59.1591, 60.2337

Background



This preview shows how black text looks on a background with the XYZ color 53.4075, 59.1591, 60.2337.

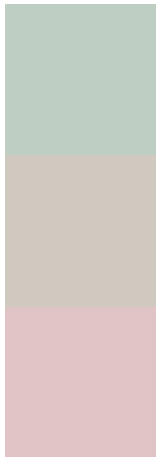


This preview shows how white text looks on a background with the XYZ color 53.4075, 59.1591,

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

53.4075, 59.1591, 60.2337

Protanopia

56.4135, 58.9890, 58.2819

Deuteranopia

60.0246, 58.7494, 60.9995



Tritanopia

56.4124, 58.9576, 75.4245

Trichromacy



Original Color

53.4075, 59.1591, 60.2337

Protanomaly

55.3387, 59.1187, 58.9465

Deuteranomaly

57.2512, 58.6813, 60.5337

Tritanomaly

55.2369, 58.8343, 69.4176

Monochromacy



Original Color

53.4075, 59.1591, 60.2337

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.3395, 58.1886, 61.7936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4075, 59.1591, 60.2337 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, 206, 195)` looks like.

```
.text, #text, p{  
    color:rgb(191, 206, 195)  
}
```

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, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 206, 195) }
```

Border

The CSS property to change the border of an element to XYZ 53.4075, 59.1591, 60.2337 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, 206, 195) }
```


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

```
.border{ border-color:rgb(191, 206, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 206, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 206, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 206, 195); box-shadow:4px 4px 4px 4px rgb(191, 206, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4075, 59.1591, 60.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 206, 195) }
```

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

```
.background{ background-color: rgb(191,  
206, 195) }
```

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