

Converting Colors

XYZ(53.0034, 58.9112, 62.0035)

Have a look what the booklet for
XYZ(53.0034, 58.9112, 62.0035)
contains.

XYZ(53.0034, 58.9112, 62.0035)	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(53.0034, 58.9112,
62.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCEC6
RGB	188, 206, 198
RGB Percent	74%, 81%, 78%
CMY	0.2627, 0.1921, 0.2235
CMYK	0.09, 0.00, 0.04, 0.19
HSL	153°, 16%, 77%
HSV	153°, 9%, 81%
XYZ	53.0034, 58.9112, 62.0035
YIQ	199.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

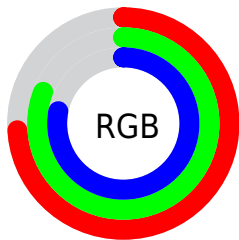
Format	Color
RYB	188, 200, 206
Decimal	12373702
CIELab	81.24, -7.60, 1.89
CIElCh	81, 7.828, 166.056
Yxy	58.9112, 0.3048, 0.3387
Android (android.graphics.Color)	4290563782 (0xFFBCCEC6)
YUV	199.7060, -0.8411, -10.2662
Hunter-Lab	76.7536, -11.0529, 5.8316

Details

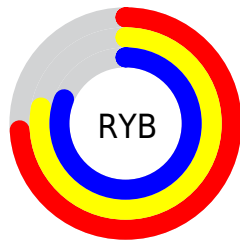
The XYZ color **53.0034, 58.9112, 62.0035** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4028, 53.0753, 59.6573**, and the grayscale version is **54.7289, 57.5790, 62.7036**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **26.2540, 29.6210, 30.7192** is the 20% darker color. If you saturate the color by 10%, you get **47.2620, 56.0714, 56.3871**, and if you desaturate by 10%, it is **59.5364, 62.1550, 67.9928**.

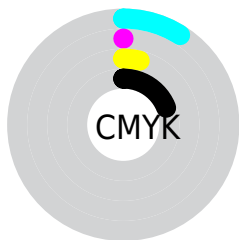
Distribution



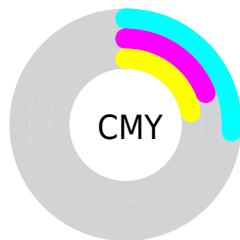
- Red (74%)
- Green (81%)
- Blue (78%)



- Red (74%)
- Yellow (78%)
- Blue (81%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)



- Cyan (26%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0034, 58.9112, 62.0035 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 53.0034, 58.9112, 62.0035 by changing the saturation by 10% instead.

■ 53.0034, 58.9112,
62.0035

■ 53.0034, 58.9112,
62.0035

388.5588,
420.5728, 449.9519

■ 38.0330, 42.5416,
44.5997

■ 93.7749, 103.2486,
109.3022

■ 26.1856, 29.5256,
30.8016

120.3066,
131.9852, 140.0343

■ 17.0960, 19.4788,
20.1906

151.4229,
165.6130, 176.0461

■ 10.3987, 12.0168,
12.3482

187.4889,
204.5163, 217.7564

■ 5.7284, 6.7551,
6.8559

228.8702,
249.0795, 265.5835

■ 2.7197, 3.3094,
3.2951

275.9321,

■ 1.0073, 1.2953,

299.6871, 319.9461

1.2472

329.0398,
356.7234, 381.2627

■ 0.0000, 0.1376,
0.0179

■ 0.0000, 0.0000,
0.0000

■ 53.0034, 58.9112,
62.0035

■ 53.0034, 58.9112,
62.0035

■ 47.2620, 56.0714,
56.3871

■ 59.5364, 62.1550,
67.9928

■ 42.2756, 53.6120,
51.1324

■ 66.8859, 65.8105,
74.3583

■ 38.0119, 51.5180,
46.2332

■ 75.0817, 69.8947,
81.1081

■ 34.4346, 49.7708,
41.6815

■ 78.2548, 71.3818,
87.9729

■ 31.5036, 48.3501,
37.4692

■ 79.6098, 71.9238,
95.1080

■ 29.1749, 47.2331,
33.5876

■ 81.0338, 72.4934,
102.6070

■ 27.3984, 46.3942,
30.0275

■ 81.3624, 72.6248,
104.3375

■ 26.1153, 45.8034,
26.7793

■ 25.2330, 45.4128,
23.8312

Harmonies

Analogous

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



53.7647, 58.9112, 58.1091



53.0034, 58.9112, 62.0035



53.0323, 58.9112, 66.6615

Triad

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



53.0034, 58.9112, 62.0035



56.8655, 58.9112, 73.1718



58.1987, 58.9112, 57.8901

Complementary

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



53.0034, 58.9112, 62.0035



53.4028, 53.0753, 59.6573

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.



59.0626, 58.9112, 61.6912



53.0034, 58.9112, 62.0035



58.2827, 58.9112, 70.5835

Square

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



53.0034, 58.9112, 62.0035



55.2408, 58.9112, 73.2654



59.0936, 58.9112, 66.3338



56.7527, 58.9112, 55.8134

Rectangle

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



53.0034, 58.9112, 62.0035



53.4952, 58.9112, 69.5792



59.0936, 58.9112, 66.3338



58.5681, 58.9112, 59.0000

Sweetspot

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



53.0051, 58.9137, 62.0048



91.7486, 98.3607, 105.9127



53.9414, 59.5253, 56.2244



19.4535, 20.9617, 22.5008



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.



53.0051, 58.9137, 62.0048



84.5111, 94.7717, 99.1594



53.7369, 58.8607, 66.9245



11.3245, 12.6395, 13.2662



15.5255, 27.9555, 14.7182



0.8388, 1.4573, 0.9586

Inverse Universe

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



53.4028, 53.0753, 59.6573



85.2505, 83.9168, 94.7950



52.7086, 53.1063, 55.0503



11.4161, 11.2952, 12.7257



16.8989, 8.5701, 7.1863



0.9098, 0.4573, 0.5708

Previews

White Background



This preview shows how the XYZ color 53.0034, 58.9112, 62.0035 looks on a white background.

Color Contrast Check

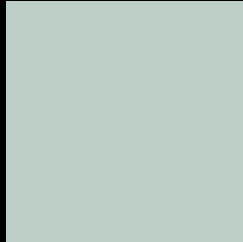
Large Text (above 18pt) WCAG AA × Fail

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 53.0034, 58.9112, 62.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

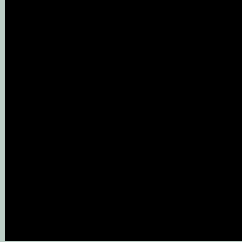
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

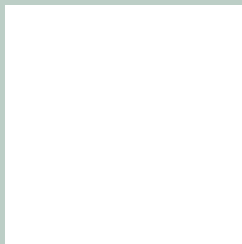
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0034, 58.9112, 62.0035

Background



This preview shows how black text looks on a background with the XYZ color 53.0034, 58.9112, 62.0035.

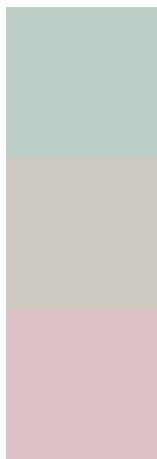


This preview shows how white text looks on a background with the XYZ color 53.0034, 58.9112,

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

53.0034, 58.9112, 62.0035

Protanopia

56.4691, 58.9788, 60.0376

Deuteranopia

59.7592, 58.5725, 62.7996



Tritanopia

55.6280, 58.9027, 75.4553

Trichromacy



Original Color

53.0034, 58.9112, 62.0035

Protanomaly

55.1392, 58.9768, 60.7021

Deuteranomaly

57.0267, 58.5257, 62.3238

Tritanomaly

54.5859, 58.8360, 70.1075

Monochromacy



Original Color

53.0034, 58.9112, 62.0035

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.1943, 58.1003, 62.3910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0034, 58.9112, 62.0035 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, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(188, 206, 198)  
}
```

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, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 206, 198) }
```

Border

The CSS property to change the border of an element to XYZ 53.0034, 58.9112, 62.0035 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, 206, 198) }
```


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

```
.border{ border-color:rgb(188, 206, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 206, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 206, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 206, 198); box-shadow:4px 4px 4px 4px rgb(188, 206, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0034, 58.9112, 62.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 206, 198) }
```

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

```
.background{ background-color: rgb(188,  
206, 198) }
```

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