

Converting Colors

XYZ(52.3267, 58.4839, 58.8050)

Have a look what the booklet for
XYZ(52.3267, 58.4839, 58.8050)
contains.

XYZ(52.4360, 58.6842, 59.0156)	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(52.4360, 58.6842,
59.0156)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCEC1
RGB	188, 206, 193
RGB Percent	74%, 81%, 76%
CMY	0.2627, 0.1921, 0.2431
CMYK	0.09, 0.00, 0.06, 0.19
HSL	137°, 16%, 77%
HSV	137°, 9%, 81%
XYZ	52.4360, 58.6842, 59.0156
YIQ	199.1360, -6.5550, -7.8590

Conversions

Conversions Part 2

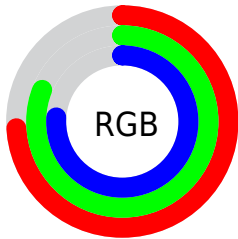
Format	Color
RYB	188, 202, 206
Decimal	12373697
CIELab	81.12, -8.53, 4.38
CIElCh	81, 9.590, 152.840
Yxy	58.6842, 0.3082, 0.3449
Android (android.graphics.Color)	4290563777 (0xFFBCCEC1)
YUV	199.1360, -3.0250, -9.7663
Hunter-Lab	76.6056, -11.8778, 7.9480

Details

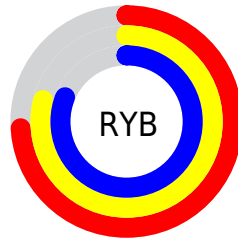
The XYZ color **52.4360, 58.6842, 59.0156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9816, 53.3068, 62.7053**, and the grayscale version is **54.3915, 57.2241, 62.3170**.

A 20% lighter version of the original color is **90.1671, 97.5926, 103.7075**, and **25.9535, 29.5008, 29.1373** is the 20% darker color. If you saturate the color by 10%, you get **46.1418, 55.6233, 50.4884**, and if you desaturate by 10%, it is **59.6249, 62.1903, 68.4589**.

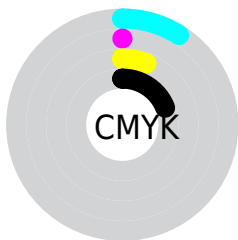
Distribution



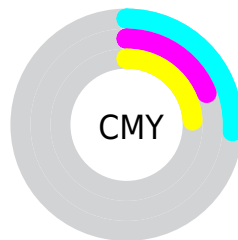
- Red (74%)
- Green (81%)
- Blue (76%)



- Red (74%)
- Yellow (79%)
- Blue (81%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)



- Cyan (26%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4360, 58.6842, 59.0156 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 52.4360, 58.6842, 59.0156 by changing the saturation by 10% instead.

■ 52.4360, 58.6842,
59.0156

■ 52.4360, 58.6842,
59.0156

386.4139,
419.7306, 438.6632

■ 37.5784, 42.3590,
42.2056

■ 92.9444, 102.9185,
104.9297

■ 25.8314, 29.3825,
28.9355

119.3258,
131.5964, 134.8708

■ 16.8295, 19.3703,
18.7869

150.2793,
165.1607, 170.0261

■ 10.2076, 11.9382,
11.3411

186.1701,
203.9956, 210.8140

■ 5.6001, 6.7016,
6.1797

227.3636,
248.4857, 257.6532

■ 2.6418, 3.2762,
2.8841

274.2251,

■ 0.9673, 1.2776,

299.0153, 310.9621

1.0358

327.1201,
355.9688, 371.1592

■ 0.0000, 0.1237,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.4360, 58.6842,
59.0156

■ 52.4360, 58.6842,
59.0156

■ 46.1418, 55.6233,
50.4884

■ 59.6249, 62.1903,
68.4589

■ 40.7020, 52.9825,
42.8462

■ 67.7370, 66.1509,
78.8406

■ 36.0803, 50.7453,
36.0616

■ 76.8057, 70.5842,
90.1870

■ 32.2361, 48.8914,
30.1045

■ 80.9653, 72.4660,
102.2463

■ 29.1248, 47.3985,
24.9428

■ 81.3624, 72.6248,
104.3375

■ 26.6976, 46.2422,
20.5427

■ 24.8993, 45.3945,
16.8675

■ 23.6653, 44.8233,
13.8776

■ 22.8967, 44.4783,
11.5283

Harmonies

Analogous

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



53.7245, 58.6842, 55.1100



52.4360, 58.6842, 59.0156



52.0359, 58.6842, 64.4425

Triad

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



52.4360, 58.6842, 59.0156



55.9677, 58.6842, 75.5011



59.0607, 58.6842, 58.1267

Complementary

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



52.4360, 58.6842, 59.0156



53.9816, 53.3068, 62.7053

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.



59.6944, 58.6842, 63.3548



52.4360, 58.6842, 59.0156



57.8823, 58.6842, 73.5719

Square

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



52.4360, 58.6842, 59.0156



54.0460, 58.6842, 74.1710



59.2582, 58.6842, 69.0407



57.5458, 58.6842, 54.6186

Rectangle

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



52.4360, 58.6842, 59.0156



52.3189, 58.6842, 68.2538



59.2582, 58.6842, 69.0407



59.3854, 58.6842, 59.7299

Sweetspot

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



52.4376, 58.6867, 59.0169



91.4144, 98.2271, 104.1528



55.2919, 60.2215, 56.2875



19.3634, 20.9257, 22.0265



0.0000, 0.0000, 0.0000



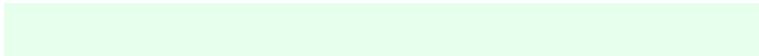
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4376, 58.6867, 59.0169



83.4579, 94.3504, 93.6138



53.4493, 59.0914, 64.3441



11.1940, 12.5873, 12.5788



14.0846, 27.3792, 7.1306



0.7594, 1.4256, 0.5404

Inverse Universe

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



53.9816, 53.3068, 62.7053



86.3284, 84.3479, 100.4709



52.9753, 52.9043, 57.4062



11.5495, 11.3485, 13.4281



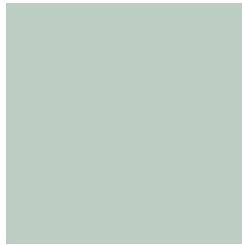
19.0465, 9.4292, 18.4952



1.0137, 0.4989, 1.1182

Previews

White Background



This preview shows how the XYZ color 52.4360, 58.6842, 59.0156 looks on a white background.

Color Contrast Check

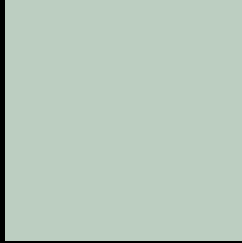
Large Text (above 18pt) WCAG AA × Fail

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 52.4360, 58.6842, 59.0156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

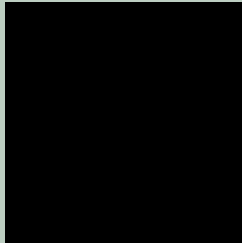
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

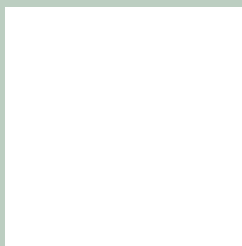
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4360, 58.6842, 59.0156

Background



This preview shows how black text looks on a background with the XYZ color 52.4360, 58.6842, 59.0156.



This preview shows how white text looks on a background with the XYZ color 52.4360, 58.6842,

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

52.4360, 58.6842, 59.0156

Protanopia

55.6807, 58.2917, 57.0319

Deuteranopia

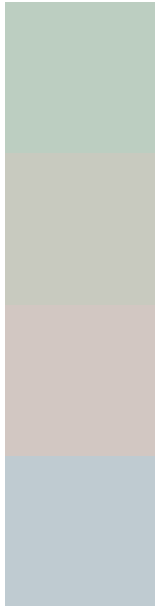
59.7969, 58.6583, 59.8003



Tritanopia

55.5136, 58.5095, 74.6972

Trichromacy



Original Color

52.4360, 58.6842, 59.0156

Protanomaly

54.3439, 58.2820, 57.6755

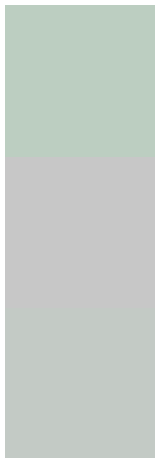
Deuteranomaly

56.7394, 58.4435, 59.3292

Tritanomaly

54.3504, 58.3917, 68.7277

Monochromacy



Original Color

52.4360, 58.6842, 59.0156

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.7043, 57.8744, 61.1637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4360, 58.6842, 59.0156 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(188, 206, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 206, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.4360, 58.6842, 59.0156 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, 193) }
```


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

```
.border{ border-color:rgb(188, 206, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 206, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 206, 193);  
box-shadow:4px 4px 4px 4px rgb(188, 206,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4360, 58.6842, 59.0156 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, 193) }
```

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

```
.background{ background-color: rgb(188,  
206, 193) }
```

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