

Converting Colors

XYZ(52.0552, 58.4711, 59.5760)

Have a look what the booklet for
XYZ(52.0552, 58.4711, 59.5760)
contains.

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Color

**XYZ(52.0586, 58.4768,
59.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	BACEC2
RGB	186, 206, 194
RGB Percent	73%, 81%, 76%
CMY	0.2706, 0.1921, 0.2392
CMYK	0.10, 0.00, 0.06, 0.19
HSL	144°, 17%, 77%
HSV	144°, 10%, 81%
XYZ	52.0586, 58.4768, 59.5823
YIQ	198.6520, -8.0680, -7.9720

Conversions

Conversions Part 2

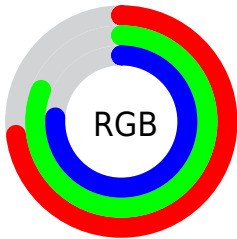
Format	Color
RYB	186, 200, 206
Decimal	12242626
CIELab	81.00, -9.02, 3.66
CIELCh	81, 9.739, 157.926
Yxy	58.4768, 0.3060, 0.3437
Android (android.graphics.Color)	4290432706 (0xFFBACEC2)
YUV	198.6520, -2.2934, -11.0958
Hunter-Lab	76.4701, -12.3052, 7.3328

Details

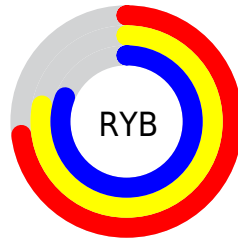
The XYZ color **52.0586, 58.4768, 59.5823** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2077, 52.3183, 60.7229**, and the grayscale version is **54.0920, 56.9090, 61.9739**.

A 20% lighter version of the original color is **89.6333, 97.2994, 104.4990**, and **25.6347, 29.3365, 29.1224** is the 20% darker color. If you saturate the color by 10%, you get **46.0793, 55.5498, 52.3547**, and if you desaturate by 10%, it is **58.8782, 61.8269, 67.4546**.

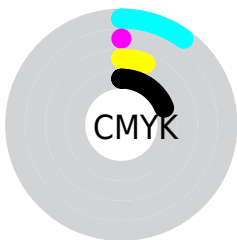
Distribution



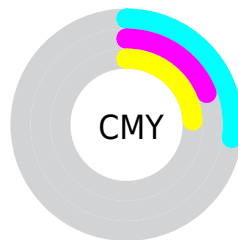
- Red (73%)
- Green (81%)
- Blue (76%)



- Red (73%)
- Yellow (78%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0586, 58.4768, 59.5823 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 52.0586, 58.4768, 59.5823 by changing the saturation by 10% instead.

■ 52.0586, 58.4768,
59.5823

■ 52.0586, 58.4768,
59.5823

384.9830,
418.9603, 440.8182

■ 37.2762, 42.1921,
42.6590

■ 92.3914, 102.6169,
105.7609

■ 25.5961, 29.2517,
29.2882

118.6725,
131.2410, 135.8533

■ 16.6528, 19.2713,
19.0515

149.5173,
164.7471, 171.1724

■ 10.0810, 11.8665,
11.5303

185.2910,
203.5195, 212.1368

■ 5.5154, 6.6528,
6.3061

226.3591,
247.9426, 259.1651

■ 2.5906, 3.2460,
2.9603

273.0869,

■ 0.9411, 1.2614,

298.4008, 312.6757

1.0744

325.8398,
355.2786, 373.0873

■ 0.0000, 0.1111,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.0586, 58.4768,
59.5823

■ 52.0586, 58.4768,
59.5823

■ 46.0793, 55.5498,
52.3547

■ 58.8782, 61.8269,
67.4546

■ 40.9020, 53.0216,
45.7518

■ 66.5648, 65.6087,
75.9832

■ 36.4923, 50.8764,
39.7580

■ 75.1499, 69.8397,
85.1845

■ 32.8116, 49.0947,
34.3556

■ 79.5578, 71.9030,
94.8342

■ 29.8178, 47.6551,
29.5263

■ 81.3625, 72.6249,
104.3375

■ 27.4642, 46.5340,
25.2505

■ 25.6978, 45.7044,
21.5077

■ 24.4565, 45.1347,
18.2755

■ 23.6316, 44.7694,
15.5286

Harmonies

Analogous

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



53.2274, 58.4768, 55.2947



52.0586, 58.4768, 59.5823



51.8220, 58.4768, 65.2174

Triad

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



52.0586, 58.4768, 59.5823



56.1177, 58.4768, 75.3350



58.7005, 58.4768, 57.0767

Complementary

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



52.0586, 58.4768, 59.5823



53.2077, 52.3183, 60.7229

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.



59.5164, 58.4768, 62.1498



52.0586, 58.4768, 59.5823



58.0018, 58.4768, 72.8538

Square

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



52.0586, 58.4768, 59.5823



54.1337, 58.4768, 74.5446



59.2576, 58.4768, 67.9432



57.0527, 58.4768, 53.9103

Rectangle

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



52.0586, 58.4768, 59.5823



52.2192, 58.4768, 69.0237



59.2576, 58.4768, 67.9432



59.0829, 58.4768, 58.6030

Sweetspot

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



52.0602, 58.4793, 59.5836



91.5610, 98.2857, 104.9248



54.3131, 59.7417, 55.1238



19.4029, 20.9414, 22.2344



0.0000, 0.0000, 0.0000



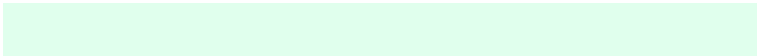
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0602, 58.4793, 59.5836



81.8578, 93.5246, 93.5816



53.1821, 58.9280, 65.4913



11.2508, 12.6101, 12.8782



14.5828, 27.5784, 9.7538



0.7895, 1.4376, 0.6990

Inverse Universe

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



53.2077, 52.3183, 60.7229



84.1450, 81.2433, 95.8521



52.1274, 51.8861, 55.0341



11.4902, 11.3248, 13.1159



17.9477, 8.9897, 12.7091



0.9628, 0.4785, 0.8497

Previews

White Background



This preview shows how the XYZ color 52.0586, 58.4768, 59.5823 looks on a white background.

Color Contrast Check

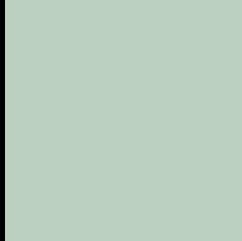
Large Text (above 18pt) WCAG AA × Fail

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 52.0586, 58.4768, 59.5823 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

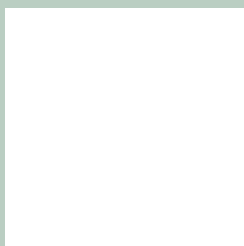
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0586, 58.4768, 59.5823

Background



This preview shows how black text looks on a background with the XYZ color 52.0586, 58.4768, 59.5823.



This preview shows how white text looks on a background with the XYZ color 52.0586, 58.4768,

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

52.0586, 58.4768, 59.5823

Protanopia

55.7904, 58.3355, 57.6096

Deuteranopia

59.3798, 58.0987, 60.3091



Tritanopia

55.0106, 58.2502, 74.6737

Trichromacy



Original Color

52.0586, 58.4768, 59.5823

Protanomaly

54.1881, 58.1889, 58.2447

Deuteranomaly

56.3389, 57.8836, 59.8330

Tritanomaly

53.8508, 58.1341, 68.7044

Monochromacy



Original Color

52.0586, 58.4768, 59.5823

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.4467, 57.7416, 61.1516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0586, 58.4768, 59.5823 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(186, 206, 194)` looks like.

```
.text, #text, p{  
    color:rgb(186, 206, 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(186, 206, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 206, 194) }
```

Border

The CSS property to change the border of an element to XYZ 52.0586, 58.4768, 59.5823 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(186, 206, 194) }
```


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

```
.border{ border-color:rgb(186, 206, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 206, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 206, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 206, 194);  
box-shadow:4px 4px 4px 4px rgb(186, 206,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0586, 58.4768, 59.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 206, 194) }
```

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

```
.background{ background-color: rgb(186,  
206, 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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