

Converting Colors

XYZ(43.3448, 51.8086, 59.0120)

Have a look what the booklet for
XYZ(43.3448, 51.8086, 59.0120)
contains.

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Color

**XYZ(43.3408, 51.8790,
58.7683)**

Conversions

Conversions Part 1

Format	Color
Hex	98C8C2
RGB	152, 200, 194
RGB Percent	60%, 78%, 76%
CMY	0.4039, 0.2157, 0.2392
CMYK	0.24, 0.00, 0.03, 0.22
HSL	172°, 30%, 69%
HSV	172°, 24%, 78%
XYZ	43.3408, 51.8790, 58.7683
YIQ	184.9640, -26.6820, -12.0420

Conversions

Conversions Part 2

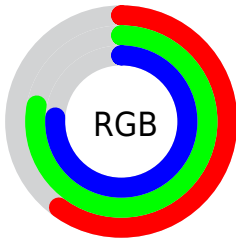
Format	Color
RYB	152, 178, 200
Decimal	10012866
CIELab	77.21, -16.91, -2.13
CIElCh	77, 17.046, 187.193
Yxy	51.8790, 0.2815, 0.3369
Android (android.graphics.Color)	4288202946 (0xFF98C8C2)
YUV	184.9640, 4.4547, -28.9094
Hunter-Lab	72.0271, -18.6387, 2.0431

Details

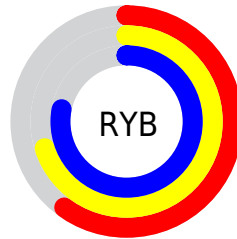
The XYZ color **43.3408, 51.8790, 58.7683** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2211, 37.2059, 37.3588**, and the grayscale version is **46.0819, 48.4818, 52.7966**.

A 20% lighter version of the original color is **78.7474, 91.6875, 103.9895**, and **20.2680, 25.1605, 28.5992** is the 20% darker color. If you saturate the color by 10%, you get **39.6304, 49.9997, 57.1416**, and if you desaturate by 10%, it is **47.6902, 54.0898, 60.4518**.

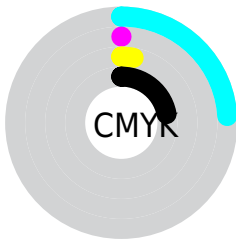
Distribution



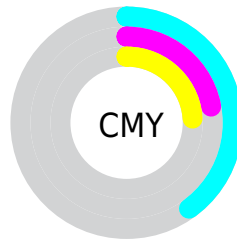
- Red (60%)
- Green (78%)
- Blue (76%)



- Red (60%)
- Yellow (70%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)





- Cyan (40%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3408, 51.8790, 58.7683 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 43.3408, 51.8790, 58.7683 by changing the saturation by 10% instead.


 43.3408, 51.8790,
58.7683


 43.3408, 51.8790,
58.7683


350.9092,
393.9693, 437.7207

 30.3483, 36.9086,
42.0078


 79.4774, 92.9528,
104.5666

 20.2525, 25.1368,
28.7818


 103.3522,
119.8250, 134.4416

 12.6880, 16.1790,
18.6717

131.5851,
151.4332, 169.5252

 7.2896, 9.6509,
11.2589

164.5415,
188.1619, 210.2359

 3.6918, 5.1681,
6.1249

202.5868,
230.3955, 256.9922

 1.5293, 2.3462,
2.8511

246.0863,

 0.3456, 0.7980,

278.5183, 310.2128

1.0191

295.4053,
332.9148, 370.3161

■ 0.0000, 0.0000,
0.0000

■ 43.3408, 51.8790,
58.7683

■ 43.3408, 51.8790,
58.7683

■ 39.6304, 49.9997,
57.1416

■ 47.6902, 54.0898,
60.4518

■ 36.5227, 48.4293,
55.5666

■ 52.7034, 56.6409,
62.1900

■ 33.9850, 47.1522,
54.0428

■ 58.4097, 59.5488,
63.9855

■ 31.9792, 46.1487,
52.5681

■ 64.8349, 62.8267,
65.8398

■ 30.4629, 45.3971,
51.1406

■ 72.0039, 66.4875,
67.7540

■ 29.3871, 44.8720,
49.7577

■ 73.4047, 67.1742,
69.4235

■ 28.6923, 44.5427,
48.4166

■ 73.7169, 67.2991,
71.0675

■ 28.3925, 44.4053,
47.6289

■ 74.0340, 67.4259,
72.7372

■ 74.3560, 67.5547,
74.4327

Harmonies

Analogous

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



43.7470, 51.8790, 49.8023



43.3408, 51.8790, 58.7683



44.4767, 51.8790, 68.0653

Triad

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



43.3408, 51.8790, 58.7683



53.2018, 51.8790, 72.0506



51.7826, 51.8790, 41.4848

Complementary

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



43.3408, 51.8790, 58.7683



41.2211, 37.2059, 37.3588

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.



54.4802, 51.8790, 46.3030



43.3408, 51.8790, 58.7683



55.3245, 51.8790, 63.7455

Square

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



43.3408, 51.8790, 58.7683



50.0996, 51.8790, 76.2640



55.8023, 51.8790, 54.2663



48.5277, 51.8790, 40.4645

Rectangle

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



43.3408, 51.8790, 58.7683



45.9864, 51.8790, 72.9828



55.8023, 51.8790, 54.2663



52.7888, 51.8790, 42.6860

Sweetspot

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



43.3423, 51.8811, 58.7695



88.4278, 96.6274, 106.7251



40.5027, 50.8875, 37.3943



18.8110, 20.6231, 22.8039



0.0000, 0.0000, 0.0000



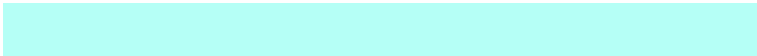
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3423, 51.8811, 58.7695



71.4244, 87.9884, 100.2089



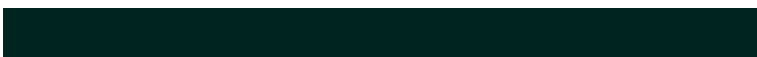
40.1858, 44.4673, 61.1110



10.8874, 12.0439, 13.3573



18.0749, 28.2423, 30.4028



0.8723, 1.3438, 1.5261

Inverse Universe

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



41.2211, 37.2059, 37.3588



67.1008, 58.0588, 56.5556



43.7886, 43.1478, 35.7272



10.6869, 10.6582, 11.3347



15.2752, 7.8596, 1.3930



0.7416, 0.3795, 0.1624

Previews

White Background



This preview shows how the XYZ color 43.3408, 51.8790, 58.7683 looks on a white background.

Color Contrast Check

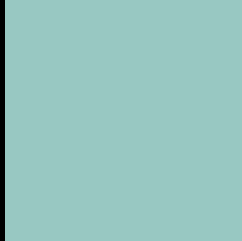
Large Text (above 18pt) WCAG AA × Fail

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 43.3408, 51.8790, 58.7683 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 43.3408, 51.8790, 58.7683

Background



This preview shows how black text looks on a background with the XYZ color 43.3408, 51.8790, 58.7683.



This preview shows how white text looks on a background with the XYZ color 43.3408, 51.8790,

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

43.3408, 51.8790, 58.7683

Protanopia

49.5228, 51.4954, 54.9064

Deuteranopia

52.3954, 51.2913, 59.9620



Tritanopia

45.6868, 51.8045, 70.5421

Trichromacy



Original Color

43.3408, 51.8790, 58.7683

Protanomaly

46.9546, 51.4413, 56.1696

Deuteranomaly

48.6270, 51.2515, 59.5542

Tritanomaly

44.8522, 51.8130, 66.0295

Monochromacy



Original Color

43.3408, 51.8790, 58.7683

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.7241, 49.3420, 54.7437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3408, 51.8790, 58.7683 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(152, 200, 194)` looks like.

```
.text, #text, p{  
    color:rgb(152, 200, 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(152, 200, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 200, 194) }
```

Border

The CSS property to change the border of an element to XYZ 43.3408, 51.8790, 58.7683 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(152, 200, 194) }
```


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

```
.border{ border-color:rgb(152, 200, 194) }
```

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

Here you see how a box with a 4 pixel rgb(152, 200, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 200, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 200, 194);  
box-shadow:4px 4px 4px 4px rgb(152, 200,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3408, 51.8790, 58.7683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 200, 194) }
```

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

```
.background{ background-color: rgb(152,  
200, 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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