

Converting Colors

XYZ(47.4481, 52.0427, 58.6431)

Have a look what the booklet for
XYZ(47.4481, 52.0427, 58.6431)
contains.

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Color

**XYZ(47.3895, 51.9436,
58.5674)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C2C2
RGB	178, 194, 194
RGB Percent	70%, 76%, 76%
CMY	0.3020, 0.2392, 0.2392
CMYK	0.08, 0.00, 0.00, 0.24
HSL	180°, 12%, 73%
HSV	180°, 8%, 76%
XYZ	47.3895, 51.9436, 58.5674
YIQ	189.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

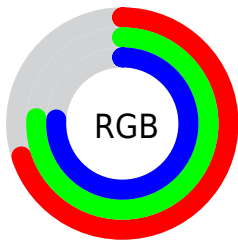
Format	Color
R_{YB}	178, 186, 194
Decimal	11715266
CIE _{Lab}	77.25, -5.45, -1.88
CIE _{LCh}	77, 5.766, 199.051
Yxy	51.9436, 0.3001, 0.3290
Android (android.graphics.Color)	4289905346 (0xFFB2C2C2)
YUV	189.2160, 2.3585, -9.8364
Hunter-Lab	72.0719, -8.7566, 2.2698

Details

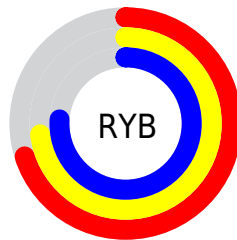
The XYZ color **47.3895, 51.9436, 58.5674** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2063, 46.5259, 48.6669**, and the grayscale version is **48.4854, 51.0105, 55.5504**.

A 20% lighter version of the original color is **85.3726, 92.7658, 103.8484**, and **22.5692, 25.0096, 28.4488** is the 20% darker color. If you saturate the color by 10%, you get **43.2492, 49.8107, 58.3726**, and if you desaturate by 10%, it is **52.1623, 54.4054, 58.7939**.

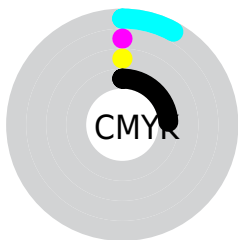
Distribution



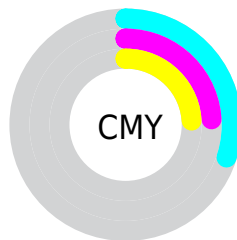
- Red (70%)
- Green (76%)
- Blue (76%)



- Red (70%)
- Yellow (73%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (30%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3895, 51.9436, 58.5674 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 47.3895, 51.9436, 58.5674 by changing the saturation by 10% instead.

■ 47.3895, 51.9436,
58.5674

■ 47.3895, 51.9436,
58.5674

366.9901,
394.2188, 436.9540

■ 33.5529, 36.9601,
41.8473

■ 85.5099, 93.0481,
104.2716

■ 22.7116, 25.1766,
28.6570

110.5245,
119.9378, 134.0927

■ 14.5002, 16.2087,
18.5782

139.9958,
151.5651, 169.1179

■ 8.5534, 9.6719,
11.1922

174.2891,
188.3144, 209.7658

■ 4.5058, 5.1820,
6.0804

213.7698,
230.5700, 256.4547

■ 1.9921, 2.3544,
2.8245

258.8034,

■ 0.6295, 0.8023,

278.7164, 309.6034

1.0057

309.7550,
333.1378, 369.6303

■ 0.0000, 0.0000,
0.0000

■ 47.3895, 51.9436,
58.5674

■ 47.3895, 51.9436,
58.5674

■ 43.2492, 49.8107,
58.3726

■ 52.1623, 54.4054,
58.7939

■ 39.7107, 47.9866,
58.2050

■ 57.5879, 57.2024,
59.0499

■ 36.7474, 46.4589,
58.0642

■ 63.6912, 60.3487,
59.3376

■ 34.3288, 45.2122,
57.9489

■ 70.2721, 63.7413,
59.6477

■ 32.4218, 44.2291,
57.8576

■ 70.2725, 63.7414,
59.6498

■ 30.9897, 43.4909,
57.7885

■ 70.2729, 63.7416,
59.6519

■ 29.9907, 42.9759,
57.7397

■ 70.2733, 63.7417,
59.6540

■ 29.3761, 42.6591,
57.7088

■ 70.2737, 63.7419,
59.6561

■ 29.0695, 42.5011,
57.6924

■ 70.2741, 63.7421,
59.6582

Harmonies

Analogous

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



47.3139, 51.9436, 55.4098



47.3895, 51.9436, 58.5674



47.9913, 51.9436, 61.2796

Triad

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



47.3895, 51.9436, 58.5674



50.9931, 51.9436, 60.6405



49.7755, 51.9436, 50.7911

Complementary

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



47.3895, 51.9436, 58.5674



46.2063, 46.5259, 48.6669

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.



50.7766, 51.9436, 52.0849



47.3895, 51.9436, 58.5674



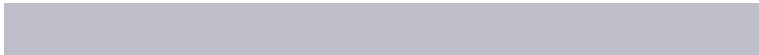
51.4865, 51.9436, 57.7215

Square

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



47.3895, 51.9436, 58.5674



50.0676, 51.9436, 62.5070



51.4066, 51.9436, 54.5946



48.6805, 51.9436, 50.9985

Rectangle

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



47.3895, 51.9436, 58.5674



48.6150, 51.9436, 62.4333



51.4066, 51.9436, 54.5946



50.1344, 51.9436, 51.0629

Sweetspot

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



47.3910, 51.9458, 58.5685



91.0932, 96.8077, 106.3537



45.7505, 51.2967, 49.6103



19.9677, 21.2098, 23.2913



0.0000, 0.0000, 0.0000



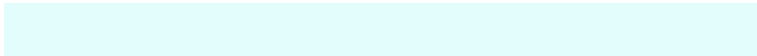
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3910, 51.9458, 58.5685



84.3365, 93.3246, 106.0344



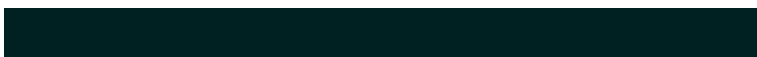
45.7143, 48.5920, 58.0113



10.3685, 11.4284, 12.9438



19.0834, 27.9274, 37.9278



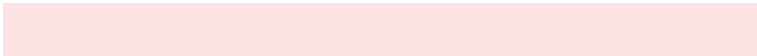
0.8246, 1.2067, 1.6389

Inverse Universe

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



46.2063, 46.5259, 48.6669



81.7273, 81.3876, 84.2267



47.7887, 49.6911, 49.1929



10.0733, 10.0779, 10.4766



14.6277, 7.5408, 0.6854



0.6320, 0.3258, 0.0298

Previews

White Background



This preview shows how the XYZ color 47.3895, 51.9436, 58.5674 looks on a white background.

Color Contrast Check

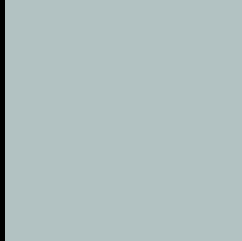
Large Text (above 18pt) WCAG AA × Fail

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 47.3895, 51.9436, 58.5674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

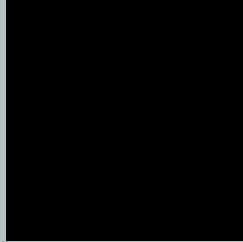
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

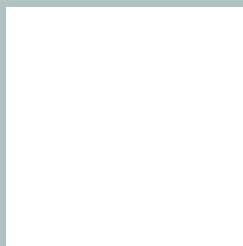
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3895, 51.9436, 58.5674

Background



This preview shows how black text looks on a background with the XYZ color 47.3895, 51.9436, 58.5674.



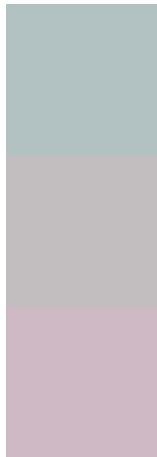
This preview shows how white text looks on a background with the XYZ color 47.3895, 51.9436,

58.5674.

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

47.3895, 51.9436, 58.5674

Protanopia

50.0656, 52.0578, 56.6996

Deuteranopia

52.7664, 51.8053, 59.4429



Tritanopia

48.9345, 51.9076, 66.4715

Trichromacy



Original Color

47.3895, 51.9436, 58.5674

Protanomaly

48.8843, 51.7587, 57.2831

Deuteranomaly

50.5985, 51.6423, 58.9309

Tritanomaly

48.3210, 51.9879, 63.3650

Monochromacy



Original Color

47.3895, 51.9436, 58.5674

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.0424, 51.3375, 56.6672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3895, 51.9436, 58.5674 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(178, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(178, 194, 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(178, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 194, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.3895, 51.9436, 58.5674 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(178, 194, 194) }
```


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

```
.border{ border-color:rgb(178, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(178, 194,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3895, 51.9436, 58.5674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 194, 194) }
```

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

```
.background{ background-color: rgb(178,  
194, 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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