

Converting Colors

XYZ(43.2082, 46.5836, 51.6659)

Have a look what the booklet for
XYZ(43.2082, 46.5836, 51.6659)
contains.

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Color

**XYZ(43.3669, 46.8138,
51.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB8B7
RGB	175, 184, 183
RGB Percent	69%, 72%, 72%
CMY	0.3137, 0.2784, 0.2823
CMYK	0.05, 0.00, 0.01, 0.28
HSL	173°, 6%, 70%
HSV	173°, 5%, 72%
XYZ	43.3669, 46.8138, 51.5500
YIQ	181.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

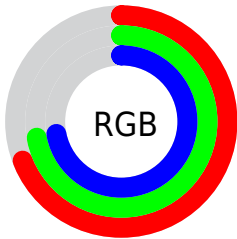
Format	Color
RYB	175, 180, 184
Decimal	11516087
CIELab	74.07, -3.31, -0.58
CIELCh	74, 3.361, 190.016
Yxy	46.8138, 0.3060, 0.3303
Android (android.graphics.Color)	4289706167 (0xFFAFB8B7)
YUV	181.1950, 0.8899, -5.4330
Hunter-Lab	68.4206, -6.5978, 3.2237

Details

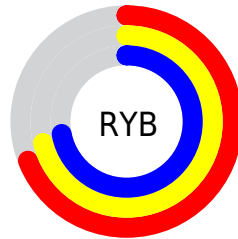
The XYZ color **43.3669, 46.8138, 51.5500** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9353, 43.9861, 47.3037**, and the grayscale version is **44.0248, 46.3175, 50.4398**.

A 20% lighter version of the original color is **79.6951, 85.5411, 93.9721**, and **20.3139, 22.0553, 24.3055** is the 20% darker color. If you saturate the color by 10%, you get **39.3037, 44.7449, 50.2550**, and if you desaturate by 10%, it is **47.9986, 49.1780, 52.8897**.

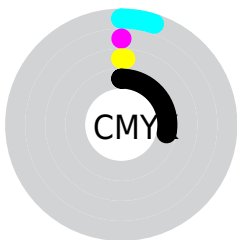
Distribution



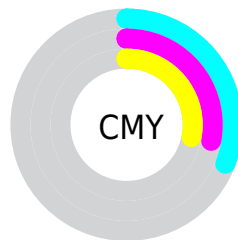
- Red (69%)
- Green (72%)
- Blue (72%)



- Red (69%)
- Yellow (71%)
- Blue (72%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3669, 46.8138, 51.5500 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 43.3669, 46.8138, 51.5500 by changing the saturation by 10% instead.

■ 43.3669, 46.8138,
51.5500

■ 43.3669, 46.8138,
51.5500

351.0145,
374.0708, 409.6043

■ 30.3689, 32.8885,
36.2667

■ 79.5165, 85.4356,
93.8871

■ 20.2682, 22.0410,
24.3490

103.3988,
110.9009, 121.7779

■ 12.6995, 13.8870,
15.3781

131.6398,
140.9816, 154.7085

■ 7.2975, 8.0421,
8.9356

164.6050,
176.0622, 193.0971

■ 3.6969, 4.1219,
4.6030

202.6598,
216.5270, 237.3625

■ 1.5321, 1.7420,
1.9616

246.1693,

■ 0.3475, 0.4506,

262.7605, 287.9231

0.5315

295.4991,
315.1469, 345.1976

■ 0.0000, 0.0000,
0.0000

■ 43.3669, 46.8138,
51.5500

■ 43.3669, 46.8138,
51.5500

■ 39.3037, 44.7449,
50.2550

■ 47.9986, 49.1780,
52.8897

■ 35.7825, 42.9538,
49.0006

■ 53.2162, 51.8426,
54.2722

■ 32.7804, 41.4299,
47.7865

■ 59.0412, 54.8199,
55.6995

■ 30.2715, 40.1599,
46.6116

■ 65.4930, 58.1200,
57.1726

■ 28.2274, 39.1292,
45.4743

■ 68.0350, 59.4042,
58.4791

■ 26.6172, 38.3218,
44.3733

■ 68.2657, 59.4965,
59.6941

■ 25.4058, 37.7197,
43.3067

■ 68.4996, 59.5900,
60.9258

■ 24.5531, 37.3021,
42.2727

■ 68.7367, 59.6849,
62.1743

■ 24.0098, 37.0437,
41.2688

■ 68.9770, 59.7810,
63.4398

Harmonies

Analogous

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



43.4180, 46.8138, 49.8497



43.3669, 46.8138, 51.5500



43.6160, 46.8138, 53.1299

Triad

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



43.3669, 46.8138, 51.5500



45.2422, 46.8138, 53.5489



44.8912, 46.8138, 47.9251

Complementary

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



43.3669, 46.8138, 51.5500



42.9353, 43.9861, 47.3037

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.



45.3859, 46.8138, 48.8739



43.3669, 46.8138, 51.5500



45.5899, 46.8138, 52.1116

Square

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



43.3669, 46.8138, 51.5500



44.6964, 46.8138, 54.3010



45.6427, 46.8138, 50.3989



44.2944, 46.8138, 47.7824

Rectangle

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



43.3669, 46.8138, 51.5500



43.9201, 46.8138, 53.8927



45.6427, 46.8138, 50.3989



45.0751, 46.8138, 48.1593

Sweetspot

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



43.3682, 46.8158, 51.5510



81.7422, 86.4580, 94.3769



42.7955, 46.6141, 47.3000



17.6314, 18.6434, 20.3485



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



43.3682, 46.8158, 51.5510



77.6694, 84.3812, 93.1579



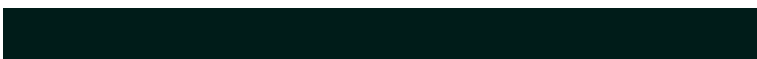
42.7648, 45.4413, 51.8668



9.4822, 10.3253, 11.4098



16.4166, 25.4676, 28.1793



0.5911, 0.9027, 1.0586

Inverse Universe

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



42.9353, 43.9861, 47.3037



76.6988, 78.0370, 83.6355



43.5167, 45.3072, 47.0097



9.3550, 9.4944, 10.1626



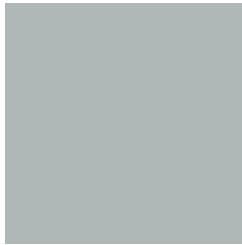
13.7271, 7.0646, 1.1840



0.4974, 0.2544, 0.1126

Previews

White Background



This preview shows how the XYZ color 43.3669, 46.8138, 51.5500 looks on a white background.

Color Contrast Check

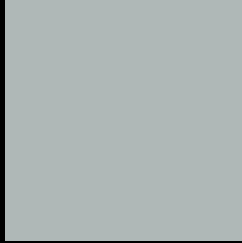
Large Text (above 18pt) WCAG AA × Fail

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 43.3669, 46.8138, 51.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

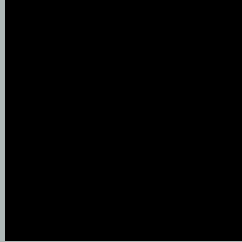
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

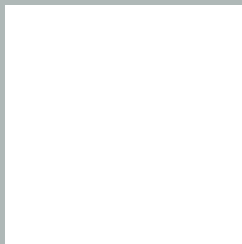
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3669, 46.8138, 51.5500

Background



This preview shows how black text looks on a background with the XYZ color 43.3669, 46.8138, 51.5500.



This preview shows how white text looks on a background with the XYZ color 43.3669, 46.8138,

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

43.3669, 46.8138, 51.5500

Protanopia

44.8719, 46.6982, 50.3647

Deuteranopia

47.5710, 46.5592, 52.3785



Tritanopia

44.8232, 46.7885, 58.8932

Trichromacy



Original Color

43.3669, 46.8138, 51.5500

Protanomaly

44.2275, 46.6571, 50.9306

Deuteranomaly

46.0070, 46.6480, 51.9265

Tritanomaly

44.2420, 46.8587, 56.0030

Monochromacy



Original Color

43.3669, 46.8138, 51.5500

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.7619, 46.4170, 50.9088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3669, 46.8138, 51.5500 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(175, 184, 183)` looks like.

```
.text, #text, p{  
    color:rgb(175, 184, 183)  
}
```

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(175, 184, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 184, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.3669, 46.8138, 51.5500 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(175, 184, 183) }
```


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

```
.border{ border-color:rgb(175, 184, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 184, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 184, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 184, 183);  
box-shadow:4px 4px 4px 4px rgb(175, 184,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3669, 46.8138, 51.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 184, 183) }
```

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

```
.background{ background-color: rgb(175,  
184, 183) }
```

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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