

Converting Colors

XYZ(46.3259, 51.2222, 58.1631)

Have a look what the booklet for
XYZ(46.3259, 51.2222, 58.1631)
contains.

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Color

**XYZ(46.1512, 50.9889,
57.8615)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC1C1
RGB	174, 193, 193
RGB Percent	68%, 76%, 76%
CMY	0.3176, 0.2431, 0.2431
CMYK	0.10, 0.00, 0.00, 0.24
HSL	180°, 13%, 72%
HSV	180°, 10%, 76%
XYZ	46.1512, 50.9889, 57.8615
YIQ	187.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

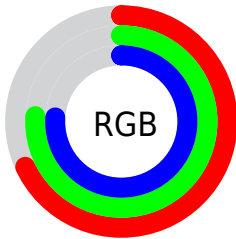
Format	Color
RYB	174, 184, 193
Decimal	11452865
CIELab	76.67, -6.46, -2.22
CIElCh	77, 6.826, 198.952
Yxy	50.9889, 0.2977, 0.3290
Android (android.graphics.Color)	4289642945 (0xFFAEC1C1)
YUV	187.3190, 2.8007, -11.6808
Hunter-Lab	71.4065, -9.5939, 1.9412

Details

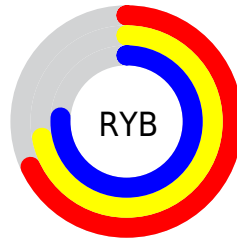
The XYZ color **46.1512, 50.9889, 57.8615** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7703, 44.6670, 46.3087**, and the grayscale version is **47.4047, 49.8734, 54.3121**.

A 20% lighter version of the original color is **83.6077, 91.4139, 102.8606**, and **21.9969, 24.7146, 28.4220** is the 20% darker color. If you saturate the color by 10%, you get **42.1567, 48.9311, 57.6739**, and if you desaturate by 10%, it is **50.7665, 53.3695, 58.0803**.

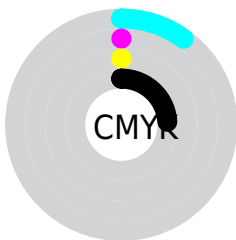
Distribution



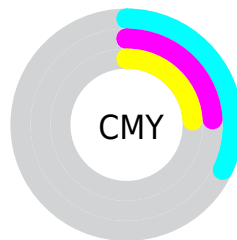
- Red (68%)
- Green (76%)
- Blue (76%)



- Red (68%)
- Yellow (72%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (32%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1512, 50.9889, 57.8615 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 46.1512, 50.9889, 57.8615 by changing the saturation by 10% instead.

■ 46.1512, 50.9889,
57.8615

■ 46.1512, 50.9889,
57.8615

362.1219,
390.5207, 434.2535

■ 32.5703, 36.1998,
41.2833

■ 83.6717, 91.6384,
103.2339

■ 21.9551, 24.5885,
28.2192

108.3420,
118.2675, 132.8653

■ 13.9403, 15.7708,
18.2505

137.4395,
149.6121, 167.6848

■ 8.1606, 9.3621,
10.9587

171.3295,
186.0565, 208.1110

■ 4.2506, 4.9781,
5.9252

210.3774,
227.9852, 254.5624

■ 1.8448, 2.2344,
2.7316

254.9485,

■ 0.5445, 0.7387,

275.7825, 307.4576

0.9593

305.4083,
329.8329, 367.2151

■ 0.0000, 0.0000,
0.0000

■ 46.1512, 50.9889,
57.8615

■ 46.1512, 50.9889,
57.8615

■ 42.1567, 48.9311,
57.6739

■ 50.7665, 53.3695,
58.0803

■ 38.7523, 47.1761,
57.5128

■ 56.0228, 56.0792,
58.3281

■ 35.9115, 45.7117,
57.3781

■ 61.9450, 59.1322,
58.6070

■ 33.6038, 44.5220,
57.2683

■ 68.5551, 62.5398,
58.9181

■ 31.7961, 43.5901,
57.1819

■ 69.9384, 63.2528,
58.9846

■ 30.4512, 42.8969,
57.1172

■ 69.9387, 63.2530,
58.9864

■ 29.5272, 42.4206,
57.0722

■ 69.9391, 63.2531,
58.9882

■ 28.9744, 42.1356,
57.0446

■ 69.9394, 63.2533,
58.9899

■ 28.6974, 41.9929,
57.0299

■ 69.9398, 63.2534,
58.9917

Harmonies

Analogous

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



46.0655, 50.9889, 54.1657



46.1512, 50.9889, 57.8615



46.8500, 50.9889, 61.0595

Triad

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



46.1512, 50.9889, 57.8615



50.3615, 50.9889, 60.3236



48.9411, 50.9889, 48.8229

Complementary

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



46.1512, 50.9889, 57.8615



44.7703, 44.6670, 46.3087

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.



50.1135, 50.9889, 50.3228



46.1512, 50.9889, 57.8615



50.9432, 50.9889, 56.8931

Square

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



46.1512, 50.9889, 57.8615



49.2749, 50.9889, 62.5241



50.8516, 50.9889, 53.2391



47.6609, 50.9889, 49.0563

Rectangle

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



46.1512, 50.9889, 57.8615



47.5765, 50.9889, 62.4277



50.8516, 50.9889, 53.2391



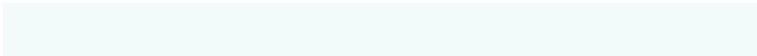
49.3613, 50.9889, 49.1384

Sweetspot

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



46.1527, 50.9910, 57.8626



88.1504, 94.1535, 103.8867



44.2377, 50.2332, 47.4097



18.7648, 20.1236, 22.2803



92.9021, 97.7402, 106.4391



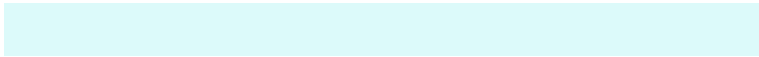
19.4759, 20.4902, 22.3138

Same Dimension

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



46.1527, 50.9910, 57.8626



80.8820, 90.4066, 103.5437



44.1851, 47.0555, 57.2084



10.3685, 11.4285, 12.9439



19.0838, 27.9276, 37.9297



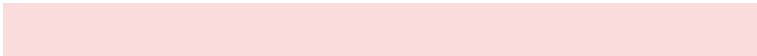
0.8246, 1.2067, 1.6390

Inverse Universe

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



44.7703, 44.6670, 46.3087



77.8659, 76.6086, 78.3353



46.6055, 48.3380, 46.9191



10.0733, 10.0779, 10.4765



14.6276, 7.5408, 0.6853



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 46.1512, 50.9889, 57.8615 looks on a white background.

Color Contrast Check

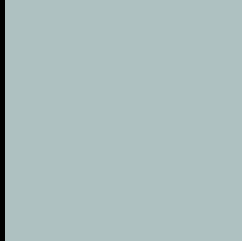
Large Text (above 18pt) WCAG AA × Fail

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 46.1512, 50.9889, 57.8615 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 46.1512, 50.9889, 57.8615

Background



This preview shows how black text looks on a background with the XYZ color 46.1512, 50.9889, 57.8615.



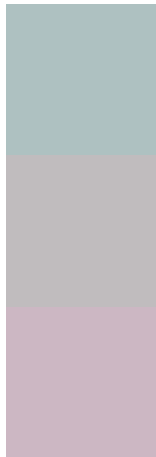
This preview shows how white text looks on a background with the XYZ color 46.1512, 50.9889,

57.8615.

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

46.1512, 50.9889, 57.8615

Protanopia

49.0157, 50.8906, 55.9547

Deuteranopia

51.6857, 50.6445, 58.6810



Tritanopia

47.6759, 50.9479, 65.7137

Trichromacy



Original Color

46.1512, 50.9889, 57.8615

Protanomaly

47.8250, 50.9028, 56.5948

Deuteranomaly

49.5002, 50.7731, 58.2302

Tritanomaly

47.0714, 51.0303, 62.6272

Monochromacy



Original Color

46.1512, 50.9889, 57.8615

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.6743, 50.0144, 55.3379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1512, 50.9889, 57.8615 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(174, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(174, 193, 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(174, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 193, 193) }
```

Border

The CSS property to change the border of an element to XYZ 46.1512, 50.9889, 57.8615 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(174, 193, 193) }
```


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

```
.border{ border-color:rgb(174, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(174, 193,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1512, 50.9889, 57.8615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 193, 193) }
```

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

```
.background{ background-color: rgb(174,  
193, 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](#).

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