

Converting Colors

XYZ(46.2338, 48.3915, 60.8757)

Have a look what the booklet for
XYZ(46.2338, 48.3915, 60.8757)
contains.

XYZ(46.2482, 48.4052, 60.9384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.2482, 48.4052,
60.9384)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B9C7
RGB	179, 185, 199
RGB Percent	70%, 73%, 78%
CMY	0.2980, 0.2745, 0.2196
CMYK	0.10, 0.07, 0.00, 0.22
HSL	222°, 15%, 74%
HSV	222°, 10%, 78%
XYZ	46.2482, 48.4052, 60.9384
YIQ	184.8020, -8.0700, 3.0820

Conversions

Conversions Part 2

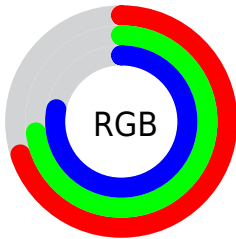
Format	Color
R_{YB}	179, 184, 199
Decimal	11778503
CIE _{Lab}	75.08, 0.68, -7.78
CIE _{LCh}	75, 7.815, 275.013
Yxy	48.4052, 0.2972, 0.3111
Android (android.graphics.Color)	4289968583 (0xFFB3B9C7)
YUV	184.8020, 6.9996, -5.0884
Hunter-Lab	69.5738, -3.0990, -3.2293

Details

The XYZ color **46.2482, 48.4052, 60.9384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7600, 53.5363, 50.3070**, and the grayscale version is **45.9708, 48.3649, 52.6694**.

A 20% lighter version of the original color is **83.7662, 87.7928, 107.1385**, and **21.9663, 22.9825, 30.0664** is the 20% darker color. If you saturate the color by 10%, you get **39.2046, 40.6598, 59.8154**, and if you desaturate by 10%, it is **54.2438, 57.0677, 62.1898**.

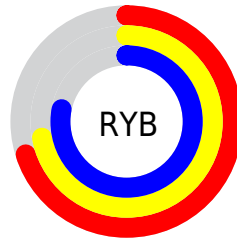
Distribution



Red (70%)

Green (73%)

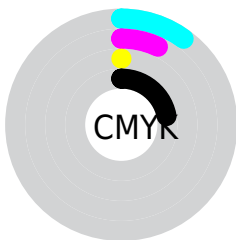
Blue (78%)



Red (70%)

Yellow (72%)

Blue (78%)

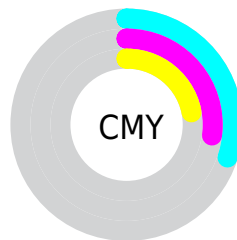


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2482, 48.4052, 60.9384 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 46.2482, 48.4052, 60.9384 by changing the saturation by 10% instead.

■ 46.2482, 48.4052,
60.9384

■ 46.2482, 48.4052,
60.9384

362.5048,
380.3960, 445.9484

■ 32.6472, 34.1479,
43.7452

■ 83.8159, 87.8074,
107.7464

■ 22.0142, 23.0072,
30.1345

108.5133,
113.7211, 138.1983

■ 13.9840, 14.5988,
19.6878

137.6402,
144.2890, 173.9069

■ 8.1912, 8.5383,
11.9865

171.5620,
179.8955, 215.2906

■ 4.2704, 4.4413,
6.6121

210.6440,
220.9251, 262.7681

■ 1.8562, 1.9234,
3.1459

255.2516,

■ 0.5512, 0.5624,

267.7621, 316.7579

1.1696

305.7501,
320.7910, 377.6785

■ 0.0000, 0.0000,
0.0000

■ 46.2482, 48.4052,
60.9384

■ 46.2482, 48.4052,
60.9384

■ 39.2046, 40.6598,
59.8154

■ 54.2438, 57.0677,
62.1898

■ 33.0724, 33.7945,
58.8135

■ 63.2216, 66.6706,
63.5701

■ 27.8140, 27.7786,
57.9294

■ 73.2157, 77.2439,
65.0842

■ 23.3877, 22.5772,
57.1587

■ 82.9195, 88.1248,
66.6730

■ 19.7480, 18.1529,
56.4966

■ 87.1945, 96.6747,
68.0980

■ 16.8450, 14.4650,
55.9377

■ 87.3089, 96.9036,
68.1361

■ 14.6223, 11.4685,
55.4765

■ 13.0146, 9.1126,
55.1065

■ 11.9106, 7.3269,
54.8200

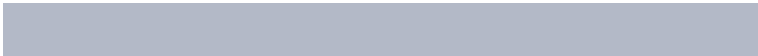
Harmonies

Analogous

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



44.8569, 48.4052, 60.1636



46.2482, 48.4052, 60.9384



47.6022, 48.4052, 59.4157

Triad

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



46.2482, 48.4052, 60.9384



48.2948, 48.4052, 48.3180



43.5621, 48.4052, 49.4507

Complementary

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



46.2482, 48.4052, 60.9384



50.7600, 53.5363, 50.3070

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.



44.4492, 48.4052, 46.5197



46.2482, 48.4052, 60.9384



47.1780, 48.4052, 45.8899

Square

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



46.2482, 48.4052, 60.9384



48.7993, 48.4052, 52.0204



45.7680, 48.4052, 45.2488



43.3247, 48.4052, 53.3956

Rectangle

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



46.2482, 48.4052, 60.9384



48.2955, 48.4052, 57.3467



45.7680, 48.4052, 45.2488



43.7933, 48.4052, 48.3209

Sweetspot

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



46.2496, 48.4072, 60.9395



90.6070, 95.2093, 108.2095



48.6031, 54.2668, 58.1710



19.1452, 20.1102, 23.1225



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.



46.2496, 48.4072, 60.9395



78.2192, 81.7405, 106.2626



45.8790, 46.3911, 60.5699



10.3119, 10.7978, 13.4582



7.7264, 4.8467, 35.2726



0.4303, 0.3584, 1.6916

Inverse Universe

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



48.4314, 47.8861, 52.5917



82.7949, 80.7032, 88.7426



51.1528, 55.7489, 50.7133



10.7627, 10.6885, 11.7337



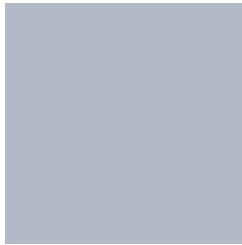
15.6993, 8.0293, 3.6262



0.7759, 0.3932, 0.3430

Previews

White Background



This preview shows how the XYZ color 46.2482, 48.4052, 60.9384 looks on a white background.

Color Contrast Check

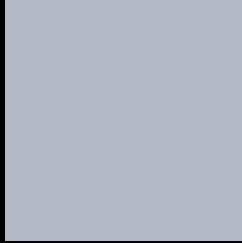
Large Text (above 18pt) WCAG AA × Fail

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 46.2482, 48.4052, 60.9384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

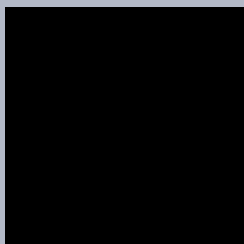
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

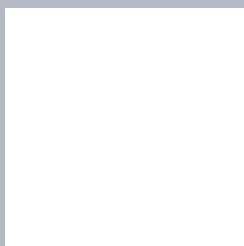
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2482, 48.4052, 60.9384

Background



This preview shows how black text looks on a background with the XYZ color 46.2482, 48.4052, 60.9384.

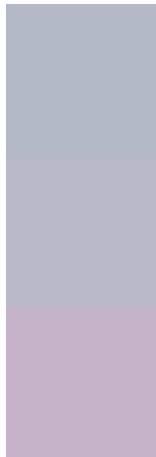


This preview shows how white text looks on a background with the XYZ color 46.2482, 48.4052,

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

46.2482, 48.4052, 60.9384

Protanopia

47.1007, 48.5485, 60.3144

Deuteranopia

49.3104, 48.1461, 61.3378



Tritanopia

46.3647, 48.4518, 61.5520

Trichromacy



Original Color

46.2482, 48.4052, 60.9384

Protanomaly

46.6249, 48.3033, 60.2921

Deuteranomaly

48.1844, 48.1650, 61.4008

Tritanomaly

46.3647, 48.4518, 61.5520

Monochromacy



Original Color

46.2482, 48.4052, 60.9384

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1717, 48.4829, 55.6398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2482, 48.4052, 60.9384 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(179, 185, 199) looks like.

```
.text, #text, p{  
    color:rgb(179, 185, 199)  
}
```

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(179, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 185, 199) }
```

Border

The CSS property to change the border of an element to XYZ 46.2482, 48.4052, 60.9384 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(179, 185, 199) }
```


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

```
.border{ border-color:rgb(179, 185, 199) }
```

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

Here you see how a box with a 4 pixel rgb(179, 185, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 185, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 185, 199);  
box-shadow:4px 4px 4px 4px rgb(179, 185,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2482, 48.4052, 60.9384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 185, 199) }
```

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

```
.background{ background-color: rgb(179,  
185, 199) }
```

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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