

Converting Colors

XYZ(46.2649, 48.3536, 67.8032)

Have a look what the booklet for
XYZ(46.2649, 48.3536, 67.8032)
contains.

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Color

**XYZ(46.2154, 48.2353,
67.8473)**

Conversions

Conversions Part 1

| Format | Color |
|----------------------|--|
| Hex | ADB9D2 |
| RGB | 173, 185, 210 |
| RGB Percent | 68%, 73%, 82% |
| CMY | 0.3216, 0.2745, 0.1765 |
| CMYK | 0.18, 0.12, 0.00, 0.18 |
| HSL | 221°, 29%, 75% |
| HSV | 221°, 18%, 82% |
| XYZ | 46.2154, 48.2353, 67.8473 |
| YIQ | 184.2620, -15.1770, 5.2310 |

Conversions

Conversions Part 2

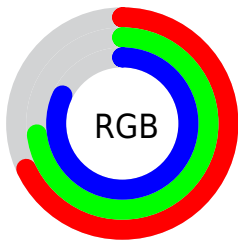
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 173, 182, 210 |
| Decimal | 11385298 |
| CIE _{Lab} | 74.97, 1.05, -13.98 |
| CIE _{LCh} | 75, 14.015, 274.296 |
| Yxy | 48.2353, 0.2848, 0.2972 |
| Android (android.graphics.Color) | 4289575378 (0xFFADB9D2) |
| YUV | 184.2620, 12.6888, -9.8768 |
| Hunter-Lab | 69.4516, -2.7606, -9.3043 |

Details

The XYZ color **46.2154, 48.2353, 67.8473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3156, 57.1069, 47.6962**, and the grayscale version is **45.6440, 48.0210, 52.2949**.

A 20% lighter version of the original color is **81.8184, 86.7886, 107.0473**, and **21.9977, 22.8959, 34.7124** is the 20% darker color. If you saturate the color by 10%, you get **39.1105, 40.3851, 66.7073**, and if you desaturate by 10%, it is **54.3494, 57.0581, 69.1223**.

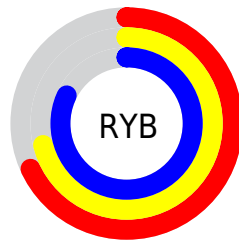
Distribution



Red (68%)

Green (73%)

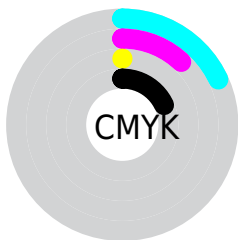
Blue (82%)



Red (68%)

Yellow (71%)

Blue (82%)

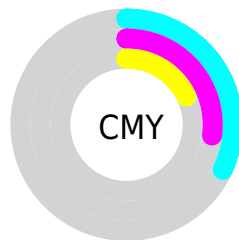


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (18%)



Cyan (32%)

Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2154, 48.2353, 67.8473 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 46.2154, 48.2353, 67.8473 by changing the saturation by 10% instead.

■ 46.2154, 48.2353,
67.8473

■ 46.2154, 48.2353,
67.8473

362.3754,
379.7240, 471.5382

■ 32.6212, 34.0133,
49.3076

■ 83.7672, 87.5546,
117.7858

■ 21.9942, 22.9038,
34.4962

108.4554,
113.4207, 150.0217

■ 13.9692, 14.5225,
22.9946

137.5724,
143.9370, 187.6601

■ 8.1808, 8.4849,
14.3843

171.4834,
179.4877, 231.1195

■ 4.2637, 4.4068,
8.2466

210.5539,
220.4574, 280.8185

■ 1.8524, 1.9036,
4.1631

255.1491,

■ 0.5489, 0.5506,

267.2304, 337.1755

1.7153

305.6345,
320.1912, 400.6093

■ 0.0000, 0.0000,
0.3712

■ 0.0000, 0.0000,
0.0000

■ 46.2154, 48.2353,
67.8473

■ 46.2154, 48.2353,
67.8473

■ 39.1105, 40.3851,
66.7073

■ 54.3494, 57.0581,
69.1223

■ 32.9875, 33.4669,
65.6947

■ 63.5480, 66.8806,
70.5335

■ 27.8022, 27.4455,
64.8057

■ 73.8506, 77.7360,
72.0857

■ 23.5051, 22.2813,
64.0354

■ 84.5526, 89.2724,
73.7484

■ 20.0415, 17.9312,
63.3783

■ 88.6330, 97.4332,
75.1086

■ 17.3506, 14.3481,
62.8285

■ 15.3620, 11.4787,
62.3795

■ 13.9808, 9.2558,
62.0232

■ 13.7074, 8.8021,
61.9501

Harmonies

Analogous

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



43.7469, 48.2353, 66.2543



46.2154, 48.2353, 67.8473



48.6723, 48.2353, 65.0308

Triad

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



46.2154, 48.2353, 67.8473



50.0285, 48.2353, 44.9799



41.5579, 48.2353, 46.6473

Complementary

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



46.2154, 48.2353, 67.8473



54.3156, 57.1069, 47.6962

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.



43.1317, 48.2353, 41.7265



46.2154, 48.2353, 67.8473



48.0116, 48.2353, 40.8284

Square

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



46.2154, 48.2353, 67.8473



50.9251, 48.2353, 51.4726



45.4790, 48.2353, 39.6947



41.1168, 48.2353, 53.5816

Rectangle

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



46.2154, 48.2353, 67.8473



49.9551, 48.2353, 61.1723



45.4790, 48.2353, 39.6947



41.9691, 48.2353, 44.7247

Sweetspot

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



46.2169, 48.2373, 67.8484



87.8271, 92.2880, 107.7921



50.4357, 59.0402, 61.9633



18.5887, 19.5284, 23.0396



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.



46.2169, 48.2373, 67.8484



67.5433, 70.2695, 104.6112



45.2064, 44.1450, 67.1117



11.4723, 12.0350, 14.9620



8.4428, 5.5323, 37.8153



0.5437, 0.4526, 2.1383

Inverse Universe

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



50.2800, 47.0927, 52.3409



74.9943, 68.3484, 76.1341



55.4465, 61.9250, 48.5666



11.9646, 11.8706, 13.0892



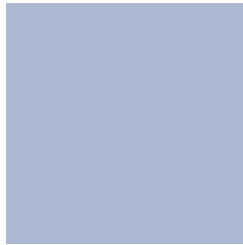
16.8923, 8.6298, 4.3390



0.9807, 0.4970, 0.4330

Previews

White Background



This preview shows how the XYZ color 46.2154, 48.2353, 67.8473 looks on a white background.

Color Contrast Check

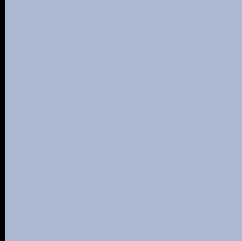
Large Text (above 18pt) WCAG AA × Fail

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 46.2154, 48.2353, 67.8473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

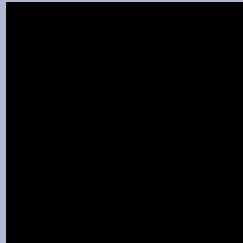
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2154, 48.2353, 67.8473

Background



This preview shows how black text looks on a background with the XYZ color 46.2154, 48.2353, 67.8473.



This preview shows how white text looks on a background with the XYZ color 46.2154, 48.2353,

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

46.2154, 48.2353, 67.8473

Protanopia

47.2645, 48.1737, 67.1290

Deuteranopia

49.3143, 48.2928, 68.3503



Tritanopia

44.8961, 47.9928, 62.1556

Trichromacy



Original Color

46.2154, 48.2353, 67.8473

Protanomaly

46.7806, 48.2315, 67.1656

Deuteranomaly

48.2530, 48.3494, 68.4172

Tritanomaly

45.4712, 48.2481, 64.0430

Monochromacy



Original Color

46.2154, 48.2353, 67.8473

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.5885, 47.8345, 57.2823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2154, 48.2353, 67.8473 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(173, 185, 210)` looks like.

```
.text, #text, p{  
    color:rgb(173, 185, 210)  
}
```

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(173, 185, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 185, 210) }
```

Border

The CSS property to change the border of an element to XYZ 46.2154, 48.2353, 67.8473 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(173, 185, 210) }
```


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

```
.border{ border-color:rgb(173, 185, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 185, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 185, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 185, 210);  
box-shadow:4px 4px 4px 4px rgb(173, 185,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2154, 48.2353, 67.8473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 185, 210) }
```

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

```
.background{ background-color: rgb(173,  
185, 210) }
```

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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