

Converting Colors

XYZ(46.7467, 48.8352, 67.2839)

Have a look what the booklet for
XYZ(46.7467, 48.8352, 67.2839)
contains.

XYZ(46.7467, 48.8352, 67.2839)	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(46.7467, 48.8352,
67.2839)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBAD1
RGB	175, 186, 209
RGB Percent	69%, 73%, 82%
CMY	0.3137, 0.2706, 0.1804
CMYK	0.16, 0.11, 0.00, 0.18
HSL	221°, 27%, 75%
HSV	221°, 16%, 82%
XYZ	46.7467, 48.8352, 67.2839
YIQ	185.3330, -13.9390, 4.8210

Conversions

Conversions Part 2

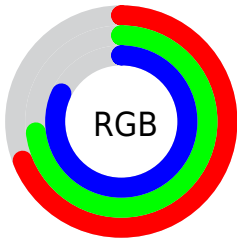
Format	Color
RYB	175, 183, 209
Decimal	11516625
CIELab	75.35, 0.93, -12.85
CIELCh	75, 12.888, 274.146
Yxy	48.8352, 0.2870, 0.2998
Android (android.graphics.Color)	4289706705 (0xFFAFBAD1)
YUV	185.3330, 11.6678, -9.0620
Hunter-Lab	69.8822, -2.8888, -8.1680

Details

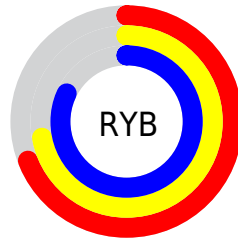
The XYZ color **46.7467, 48.8352, 67.2839** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2268, 57.0385, 48.7099**, and the grayscale version is **46.2432, 48.6515, 52.9815**.

A 20% lighter version of the original color is **82.7571, 87.7132, 107.1763**, and **22.3300, 23.2792, 34.3268** is the 20% darker color. If you saturate the color by 10%, you get **39.5818, 40.9380, 66.1380**, and if you desaturate by 10%, it is **54.9352, 57.7000, 68.5642**.

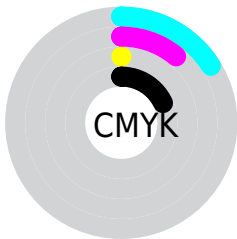
Distribution



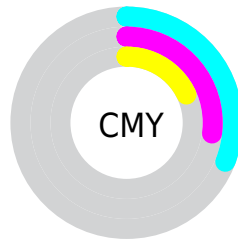
- Red (69%)
- Green (73%)
- Blue (82%)



- Red (69%)
- Yellow (72%)
- Blue (82%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7467, 48.8352, 67.2839 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 46.7467, 48.8352, 67.2839 by changing the saturation by 10% instead.

■ 46.7467, 48.8352,
67.2839

■ 46.7467, 48.8352,
67.2839

364.4684,
382.0932, 469.4836

■ 33.0426, 34.4888,
48.8523

■ 84.5564, 88.4466,
116.9716

■ 22.3184, 23.2693,
34.1376

109.3928,
114.4804, 149.0649

■ 14.2090, 14.7925,
22.7211

138.6705,
145.1788, 186.5491

■ 8.3488, 8.6739,
14.1843

172.7551,
180.9262, 229.8428

■ 4.3726, 4.5291,
8.1088

212.0118,
222.1069, 279.3646

■ 1.9150, 1.9737,
4.0759

256.8060,

■ 0.5856, 0.5921,

269.1054, 335.5329

1.6671

307.5031,
322.3060, 398.7664

■ 0.0000, 0.0000,
0.3380

■ 0.0000, 0.0000,
0.0000

■ 46.7467, 48.8352,
67.2839

■ 46.7467, 48.8352,
67.2839

■ 39.5818, 40.9380,
66.1380

■ 54.9352, 57.7000,
68.5642

■ 33.3944, 33.9683,
65.1188

■ 64.1822, 67.5588,
69.9798

■ 28.1411, 27.8916,
64.2228

■ 74.5264, 78.4444,
71.5357

■ 23.7734, 22.6692,
63.4450

■ 84.6653, 89.6966,
73.1732

■ 20.2381, 18.2588,
62.7800

■ 88.5088, 97.3835,
74.4543

■ 17.4760, 14.6144,
62.2221

■ 15.4190, 11.6842,
61.7650

■ 13.9830, 9.4070,
61.4011

■ 13.5537, 8.6934,
61.2860

Harmonies

Analogous

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



44.4570, 48.8352, 65.8063



46.7467, 48.8352, 67.2839



49.0220, 48.8352, 64.7244

Triad

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



46.7467, 48.8352, 67.2839



50.2916, 48.8352, 46.1777



42.4344, 48.8352, 47.6816

Complementary

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



46.7467, 48.8352, 67.2839



54.2268, 57.0385, 48.7099

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.



43.9048, 48.8352, 43.0852



46.7467, 48.8352, 67.2839



48.4325, 48.8352, 42.2702

Square

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



46.7467, 48.8352, 67.2839



51.1123, 48.8352, 52.2351



46.0876, 48.8352, 41.1877



42.0173, 48.8352, 54.1226

Rectangle

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



46.7467, 48.8352, 67.2839



50.2095, 48.8352, 61.1912



46.0876, 48.8352, 41.1877



42.8193, 48.8352, 45.8882

Sweetspot

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



46.7482, 48.8372, 67.2850



87.8240, 92.2819, 107.7911



50.6352, 58.7776, 61.9020



18.5880, 19.5269, 23.0393



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.



46.7482, 48.8372, 67.2850



68.6774, 71.5085, 104.7906



45.8175, 45.0480, 66.6026



11.4716, 12.0334, 14.9617



8.4366, 5.5198, 37.8133



0.5433, 0.4518, 2.1381

Inverse Universe

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



50.4885, 47.7615, 53.0145



75.8179, 69.6398, 77.5061



55.2587, 61.4403, 49.5052



11.9642, 11.8704, 13.0872



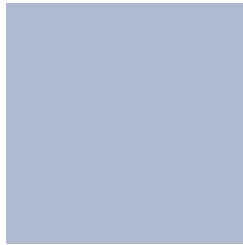
16.8891, 8.6285, 4.3224



0.9805, 0.4969, 0.4319

Previews

White Background



This preview shows how the XYZ color 46.7467, 48.8352, 67.2839 looks on a white background.

Color Contrast Check

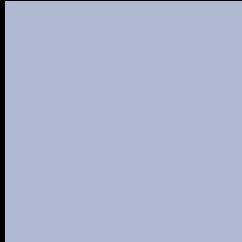
Large Text (above 18pt) WCAG AA × Fail

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 46.7467, 48.8352, 67.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

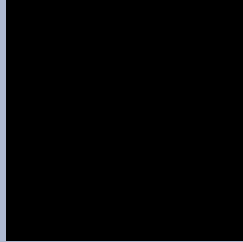
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

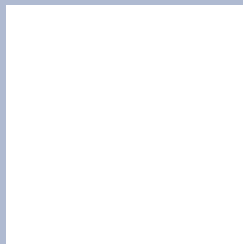
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7467, 48.8352, 67.2839

Background



This preview shows how black text looks on a background with the XYZ color 46.7467, 48.8352, 67.2839.



This preview shows how white text looks on a background with the XYZ color 46.7467, 48.8352,

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

46.7467, 48.8352, 67.2839

Protanopia

47.8171, 48.7801, 66.5698

Deuteranopia

49.8950, 48.9074, 67.7831



Tritanopia

45.8866, 48.8036, 62.8787

Trichromacy



Original Color

46.7467, 48.8352, 67.2839

Protanomaly

47.3245, 48.8357, 66.6065

Deuteranomaly

48.8160, 48.9592, 67.8500

Tritanomaly

46.2453, 48.9471, 64.7680

Monochromacy



Original Color

46.7467, 48.8352, 67.2839

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1426, 48.4167, 57.9523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7467, 48.8352, 67.2839 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, 186, 209) looks like.

```
.text, #text, p{  
    color:rgb(175, 186, 209)  
}
```

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, 186, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 186, 209) }
```

Border

The CSS property to change the border of an element to XYZ 46.7467, 48.8352, 67.2839 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, 186, 209) }
```


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

```
.border{ border-color:rgb(175, 186, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 186, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 186, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 186, 209);  
box-shadow:4px 4px 4px 4px rgb(175, 186,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7467, 48.8352, 67.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 186, 209) }
```

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

```
.background{ background-color: rgb(175,  
186, 209) }
```

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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