

Converting Colors

XYZ(37.2634, 38.9209, 45.9740)

Have a look what the booklet for
XYZ(37.2634, 38.9209, 45.9740)
contains.

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Color

**XYZ(37.2825, 38.8396,
46.0892)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A7AF
RGB	166, 167, 175
RGB Percent	65%, 65%, 69%
CMY	0.3490, 0.3451, 0.3137
CMYK	0.05, 0.05, 0.00, 0.31
HSL	233°, 5%, 67%
HSV	233°, 5%, 69%
XYZ	37.2825, 38.8396, 46.0892
YIQ	167.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

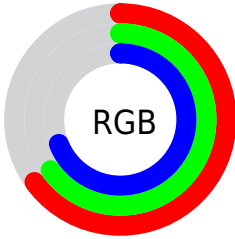
Format	Color
RYB	166, 167, 175
Decimal	10921903
CIELab	68.63, 1.20, -4.25
CIELCh	69, 4.413, 285.830
Yxy	38.8396, 0.3051, 0.3178
Android (android.graphics.Color)	4289111983 (0xFFA6A7AF)
YUV	167.6130, 3.6418, -1.4146
Hunter-Lab	62.3214, -2.2786, -0.2223

Details

The XYZ color **37.2825, 38.8396, 46.0892** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6983, 42.1389, 42.1184**, and the grayscale version is **37.0146, 38.9423, 42.4081**.

A 20% lighter version of the original color is **70.2230, 73.3279, 85.3155**, and **16.6453, 17.2689, 21.1948** is the 20% darker color. If you saturate the color by 10%, you get **31.1813, 31.7174, 45.0366**, and if you desaturate by 10%, it is **44.2277, 46.9076, 47.2810**.

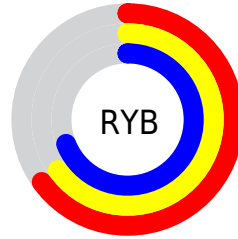
Distribution



Red (65%)

Green (65%)

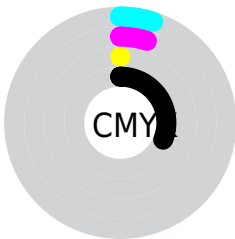
Blue (69%)



Red (65%)

Yellow (65%)

Blue (69%)

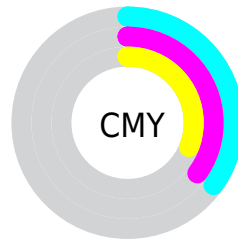


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (31%)



Cyan (35%)

Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2825, 38.8396, 46.0892 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 37.2825, 38.8396, 46.0892 by changing the saturation by 10% instead.

■ 37.2825, 38.8396,
46.0892

■ 37.2825, 38.8396,
46.0892

325.8663,
341.2081, 387.4551

■ 25.6010, 26.6350,
31.9670

■ 70.3181, 73.3932,
85.6882

■ 16.6565, 17.2993,
21.0717

■ 92.4028, 96.5110,
112.0021

■ 10.0837, 10.4481,
12.9847

118.6860,
124.0353, 143.2169

■ 5.5171, 5.6971,
7.2874

149.5330,
156.3505, 179.7514

■ 2.5916, 2.6618,
3.5613

185.3092,
193.8409, 222.0238

■ 0.9417, 0.9578,
1.3879

226.3799,

■ 0.0000, 0.0000,

236.8911, 270.4529

0.1323

273.1105,
285.8853, 325.4572

■ 0.0000, 0.0000,
0.0000

■ 37.2825, 38.8396,
46.0892

■ 37.2825, 38.8396,
46.0892

■ 31.1813, 31.7174,
45.0366

■ 44.2277, 46.9076,
47.2810

■ 25.8887, 25.5015,
44.1158

■ 52.0440, 55.9493,
48.6143

■ 21.3716, 20.1570,
43.3223

■ 60.7613, 65.9973,
50.0943

■ 17.5933, 15.6448,
42.6505

■ 70.4072, 77.0814,
51.7253

■ 14.5144, 11.9227,
42.0943

■ 81.0080, 89.2302,
53.5116

■ 12.0913, 8.9449,
41.6473

■ 84.7380, 95.8752,
54.5976

■ 10.2760, 6.6609,
41.3021

■ 9.0134, 5.0135,
41.0507

■ 8.2374, 3.9361,
40.8836

Harmonies

Analogous

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



36.5889, 38.8396, 46.1197



37.2825, 38.8396, 46.0892



37.8851, 38.8396, 45.0197

Triad

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



37.2825, 38.8396, 46.0892



37.8572, 38.8396, 39.5971



35.6322, 38.8396, 41.3575

Complementary

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



37.2825, 38.8396, 46.0892



39.6983, 42.1389, 42.1184

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.



35.9633, 38.8396, 39.6724



37.2825, 38.8396, 46.0892



37.2448, 38.8396, 38.6779

Square

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



37.2825, 38.8396, 46.0892



38.2197, 38.8396, 41.2518



36.5517, 38.8396, 38.7050



35.6420, 38.8396, 43.3449

Rectangle

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



37.2825, 38.8396, 46.0892



38.1516, 38.8396, 43.8801



36.5517, 38.8396, 38.7050



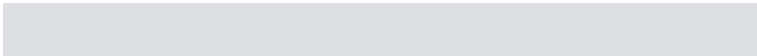
35.7071, 38.8396, 40.7382

Sweetspot

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



37.2836, 38.8413, 46.0901



70.4739, 73.8687, 83.1806



38.6916, 41.8216, 46.0525



15.6932, 16.4525, 18.4929



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.2836, 38.8413, 46.0901



65.6577, 68.2637, 82.3526



37.8337, 38.8532, 46.0634



8.0352, 8.3469, 10.1403



5.7381, 2.6100, 29.2459



0.1819, 0.1172, 0.8210

Inverse Universe

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



38.2914, 39.1772, 42.1050



67.7873, 68.9775, 73.9301



39.1282, 42.1336, 42.1474



8.3144, 8.4407, 9.0361



12.7600, 6.5665, 1.1155



0.3662, 0.1872, 0.0902

Previews

White Background



This preview shows how the XYZ color 37.2825, 38.8396, 46.0892 looks on a white background.

Color Contrast Check

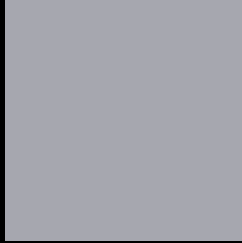
Large Text (above 18pt) WCAG AA × Fail

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 37.2825, 38.8396, 46.0892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

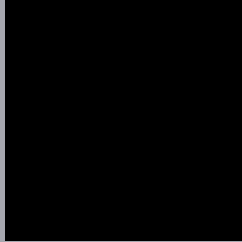
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2825, 38.8396, 46.0892

Background



This preview shows how black text looks on a background with the XYZ color 37.2825, 38.8396, 46.0892.



This preview shows how white text looks on a background with the XYZ color 37.2825, 38.8396,

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

37.2825, 38.8396, 46.0892

Protanopia

37.5225, 38.6924, 46.0482

Deuteranopia

39.5792, 38.6785, 46.4540



Tritanopia

37.7093, 38.7426, 48.1384

Trichromacy



Original Color

37.2825, 38.8396, 46.0892

Protanomaly

37.3104, 38.5831, 46.0382

Deuteranomaly

38.7911, 38.7995, 46.5188

Tritanomaly

37.6084, 38.7023, 47.6076

Monochromacy



Original Color

37.2825, 38.8396, 46.0892

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2897, 39.1610, 44.1215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2825, 38.8396, 46.0892 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(166, 167, 175) looks like.

```
.text, #text, p{  
    color:rgb(166, 167, 175)  
}
```

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(166, 167, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 167, 175) }
```

Border

The CSS property to change the border of an element to XYZ 37.2825, 38.8396, 46.0892 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(166, 167, 175) }
```


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

```
.border{ border-color:rgb(166, 167, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 167, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 167, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 167, 175);  
box-shadow:4px 4px 4px 4px rgb(166, 167,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2825, 38.8396, 46.0892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 167, 175) }
```

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

```
.background{ background-color: rgb(166,  
167, 175) }
```

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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