

Converting Colors

XYZ(37.7100, 38.2648, 45.4427)

Have a look what the booklet for
XYZ(37.7100, 38.2648, 45.4427)
contains.

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Color

**XYZ(37.7100, 38.2648,
45.4427)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA4AE
RGB	171, 164, 174
RGB Percent	67%, 64%, 68%
CMY	0.3294, 0.3568, 0.3176
CMYK	0.02, 0.06, 0.00, 0.32
HSL	282°, 6%, 66%
HSV	282°, 6%, 68%
XYZ	37.7100, 38.2648, 45.4427
YIQ	167.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

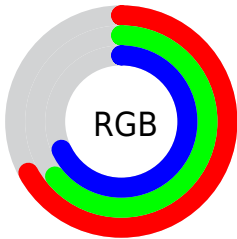
Format	Color
RYB	171, 164, 174
Decimal	11248814
CIELab	68.22, 4.41, -4.26
CIElCh	68, 6.131, 315.942
Yxy	38.2648, 0.3106, 0.3152
Android (android.graphics.Color)	4289438894 (0xFFABA4AE)
YUV	167.2330, 3.3361, 3.3037
Hunter-Lab	61.8585, 0.5641, -0.2548

Details

The XYZ color **37.7100, 38.2648, 45.4427** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7746, 41.1689, 41.0793**, and the grayscale version is **36.8290, 38.7469, 42.1954**.

A 20% lighter version of the original color is **70.8384, 72.4889, 84.3869**, and **16.9148, 16.9154, 20.7859** is the 20% darker color. If you saturate the color by 10%, you get **33.6921, 31.8837, 44.4234**, and if you desaturate by 10%, it is **42.2011, 45.5244, 46.6078**.

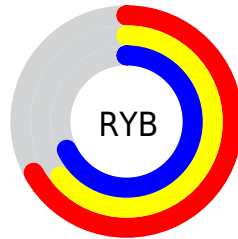
Distribution



Red (67%)

Green (64%)

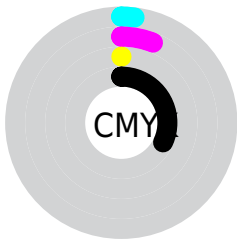
Blue (68%)



Red (67%)

Yellow (64%)

Blue (68%)

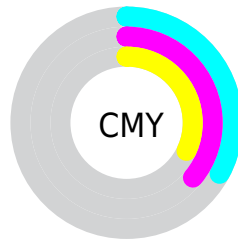


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (32%)



Cyan (33%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7100, 38.2648, 45.4427 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 37.7100, 38.2648, 45.4427 by changing the saturation by 10% instead.

■ 37.7100, 38.2648,
45.4427

■ 37.7100, 38.2648,
45.4427

327.6767,
338.7545, 384.7758

■ 25.9339, 26.1883,
31.4608

■ 70.9702, 72.5138,
84.7098

■ 16.9066, 16.9645,
20.6886

■ 93.1850, 95.4551,
110.8321

■ 10.2628, 10.2092,
12.7075

119.6100,
122.7868, 141.8382

■ 5.6372, 5.5379,
7.0991

150.6107,
154.8932, 178.1468

■ 2.6643, 2.5662,
3.4448

186.5524,
192.1588, 220.1763

■ 0.9788, 0.9097,
1.3260

227.8003,

■ 0.0000, 0.0000,

234.9680, 268.3452

0.0829

274.7200,
283.7051, 323.0723

■ 0.0000, 0.0000,
0.0000

■ 37.7100, 38.2648,
45.4427

■ 37.7100, 38.2648,
45.4427

■ 33.6921, 31.8837,
44.4234

■ 42.2011, 45.5244,
46.6078

■ 30.1263, 26.3416,
43.5416

■ 47.1788, 53.6904,
47.9216

■ 26.9950, 21.6030,
42.7920

■ 52.6601, 62.7952,
49.3902

■ 24.2777, 17.6284,
42.1680

■ 58.6600, 72.8684,
51.0183

■ 21.9526, 14.3744,
41.6625

■ 65.1930, 83.9382,
52.8106

■ 19.9954, 11.7934,
41.2674

■ 67.8465, 87.1786,
53.2962

■ 18.3789, 9.8319,
40.9740

■ 69.2864, 87.9209,
53.3636

■ 17.0718, 8.4281,
40.7720

■ 70.7747, 88.6882,
53.4333

■ 16.0339, 7.5025,
40.6480

■ 72.3117, 89.4805,
53.5052

Harmonies

Analogous

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



36.8781, 38.2648, 46.9474



37.7100, 38.2648, 45.4427



38.1866, 38.2648, 42.9590

Triad

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



37.7100, 38.2648, 45.4427



36.8190, 38.2648, 36.7511



34.6262, 38.2648, 43.1303

Complementary

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



37.7100, 38.2648, 45.4427



37.7746, 41.1689, 41.0793

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.



34.6110, 38.2648, 40.3950



37.7100, 38.2648, 45.4427



35.8657, 38.2648, 36.7924

Square

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



37.7100, 38.2648, 45.4427



37.6661, 38.2648, 37.9850



35.0612, 38.2648, 38.1005



35.1031, 38.2648, 45.5729

Rectangle

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



37.7100, 38.2648, 45.4427



38.2334, 38.2648, 41.1199



35.0612, 38.2648, 38.1005



34.5672, 38.2648, 42.2126

Sweetspot

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



37.7111, 38.2664, 45.4435



71.3238, 74.1067, 83.1817



36.8006, 38.6486, 45.5653



15.8721, 16.5026, 18.4931



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.



37.7111, 38.2664, 45.4435



67.3485, 67.7219, 82.1588



38.1946, 38.5362, 44.5397



8.2713, 8.2995, 10.1187



11.4027, 5.2382, 29.4546



0.3689, 0.1724, 0.8218

Inverse Universe

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



37.7074, 38.3413, 41.9743



67.3456, 67.8920, 74.4060



37.3149, 40.9127, 41.9282



8.2710, 8.3215, 9.1221



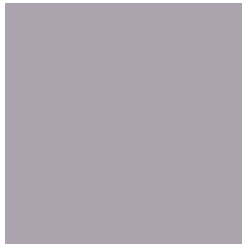
13.1371, 6.7174, 3.1017



0.3899, 0.1967, 0.2152

Previews

White Background



This preview shows how the XYZ color 37.7100, 38.2648, 45.4427 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 37.7100, 38.2648, 45.4427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

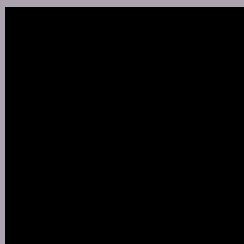
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7100, 38.2648, 45.4427

Background



This preview shows how black text looks on a background with the XYZ color 37.7100, 38.2648, 45.4427.



This preview shows how white text looks on a background with the XYZ color 37.7100, 38.2648,

45.4427.

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

37.7100, 38.2648, 45.4427

Protanopia

37.1293, 38.2209, 45.9779

Deuteranopia

39.0731, 38.1686, 45.8653



Tritanopia

37.9065, 38.3434, 46.4774

Trichromacy



Original Color

37.7100, 38.2648, 45.4427

Protanomaly

37.3414, 38.3302, 45.9878

Deuteranomaly

38.5627, 38.1659, 45.8917

Tritanomaly

37.8079, 38.3040, 45.9582

Monochromacy



Original Color

37.7100, 38.2648, 45.4427

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.0404, 38.4995, 43.5091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7100, 38.2648, 45.4427 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(171, 164, 174)` looks like.

```
.text, #text, p{  
    color:rgb(171, 164, 174)  
}
```

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(171, 164, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 164, 174) }
```

Border

The CSS property to change the border of an element to XYZ 37.7100, 38.2648, 45.4427 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(171, 164, 174) }
```


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

```
.border{ border-color:rgb(171, 164, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 164, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 164, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 164, 174);  
box-shadow:4px 4px 4px 4px rgb(171, 164,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7100, 38.2648, 45.4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 164, 174) }
```

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

```
.background{ background-color: rgb(171,  
164, 174) }
```

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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