

Converting Colors

XYZ(37.3813, 38.6660, 47.9295)

Have a look what the booklet for
XYZ(37.3813, 38.6660, 47.9295)
contains.

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Color

**XYZ(37.2900, 38.5264,
48.1188)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A6B3
RGB	165, 166, 179
RGB Percent	65%, 65%, 70%
CMY	0.3529, 0.3490, 0.2980
CMYK	0.08, 0.07, 0.00, 0.30
HSL	236°, 8%, 67%
HSV	236°, 8%, 70%
XYZ	37.2900, 38.5264, 48.1188
YIQ	167.1830, -4.7690, 3.8310

Conversions

Conversions Part 2

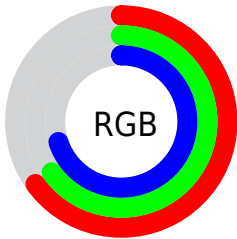
Format	Color
R _{YB}	165, 166, 179
Decimal	10856115
CIE Lab	68.41, 2.21, -6.81
CIE LCh	68, 7.161, 287.987
Yxy	38.5264, 0.3009, 0.3109
Android (android.graphics.Color)	4289046195 (0xFFA5A6B3)
YUV	167.1830, 5.8258, -1.9145
Hunter-Lab	62.0696, -1.3832, -2.5152

Details

The XYZ color **37.2900, 38.5264, 48.1188** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3027, 44.1411, 41.9414**, and the grayscale version is **36.7948, 38.7110, 42.1563**.

A 20% lighter version of the original color is **70.3670, 72.9267, 88.9648**, and **16.5933, 17.0517, 22.1554** is the 20% darker color. If you saturate the color by 10%, you get **30.9961, 31.0839, 47.0146**, and if you desaturate by 10%, it is **44.4977, 47.0216, 49.3792**.

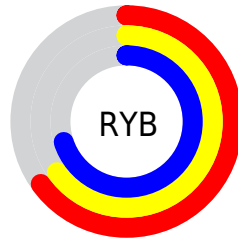
Distribution



Red (65%)

Green (65%)

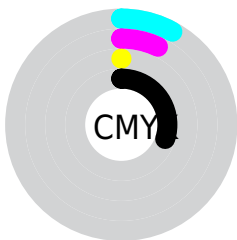
Blue (70%)



Red (65%)

Yellow (65%)

Blue (70%)

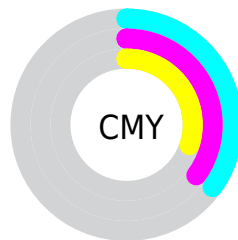


Cyan (8%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (35%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2900, 38.5264, 48.1188 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 37.2900, 38.5264, 48.1188 by changing the saturation by 10% instead.

■ 37.2900, 38.5264,
48.1188

■ 37.2900, 38.5264,
48.1188

325.8981,
339.8727, 395.7851

■ 25.6068, 26.3915,
33.5603

■ 70.3295, 72.9143,
88.7486

■ 16.6609, 17.1168,
22.2814

■ 92.4166, 95.9360,
115.6571

■ 10.0868, 10.3178,
13.8635

118.7023,
123.3555, 147.5193

■ 5.5192, 5.6102,
7.8881

149.5520,
155.5571, 184.7537

■ 2.5929, 2.6095,
3.9367

185.3311,
192.9252, 227.7790

■ 0.9423, 0.9314,
1.5907

226.4049,

■ 0.0000, 0.0000,

235.8443, 277.0136

0.2842

273.1388,
284.6986, 332.8762

■ 0.0000, 0.0000,
0.0000

■ 37.2900, 38.5264,
48.1188

■ 37.2900, 38.5264,
48.1188

■ 30.9961, 31.0839,
47.0146

■ 44.4977, 47.0216,
49.3792

■ 25.5762, 24.6485,
46.0581

■ 52.6502, 56.6031,
50.7990

■ 20.9926, 19.1783,
45.2438

■ 61.7810, 67.3093,
52.3842

■ 17.2037, 14.6267,
44.5650

■ 71.9212, 79.1749,
54.1401

■ 14.1640, 10.9433,
44.0142

■ 83.1004, 92.2334,
56.0714

■ 11.8237, 8.0726,
43.5834

■ 85.1368, 96.0347,
56.6978

■ 10.1268, 5.9529,
43.2637

■ 9.0086, 4.5135,
43.0448

■ 8.3774, 3.6634,
42.9140

Harmonies

Analogous

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



36.1700, 38.5264, 48.3021



37.2900, 38.5264, 48.1188



38.2484, 38.5264, 46.2315

Triad

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



37.2900, 38.5264, 48.1188



38.0846, 38.5264, 37.5137



34.5437, 38.5264, 40.6730

Complementary

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



37.2900, 38.5264, 48.1188



41.3027, 44.1411, 41.9414

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.



35.0350, 38.5264, 37.9389



37.2900, 38.5264, 48.1188



37.0701, 38.5264, 36.1784

Square

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



37.2900, 38.5264, 48.1188



38.7136, 38.5264, 40.0652



35.9545, 38.5264, 36.3300



34.5998, 38.5264, 43.8903

Rectangle

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



37.2900, 38.5264, 48.1188



38.6597, 38.5264, 44.3129



35.9545, 38.5264, 36.3300



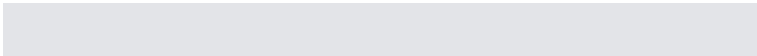
34.6498, 38.5264, 39.6701

Sweetspot

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



37.2911, 38.5280, 48.1196



74.0525, 77.5710, 87.4509



39.6571, 43.4479, 48.3286



16.4374, 17.2224, 19.3802



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.2911, 38.5280, 48.1196



65.1928, 67.1200, 85.9006



38.3509, 38.8051, 48.1173



8.0892, 8.3246, 10.6868



5.8689, 2.5381, 30.3176



0.2007, 0.1120, 0.9593

Inverse Universe

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



38.9294, 39.2481, 41.6020



68.5975, 68.6218, 72.3546



40.1828, 43.8608, 41.9463



8.5202, 8.5148, 8.9719



13.1970, 6.7963, 0.9313



0.4233, 0.2171, 0.0720

Previews

White Background



This preview shows how the XYZ color 37.2900, 38.5264, 48.1188 looks on a white background.

Color Contrast Check

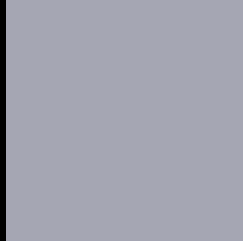
Large Text (above 18pt) WCAG AA × Fail

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 37.2900, 38.5264, 48.1188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

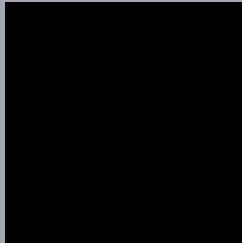
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

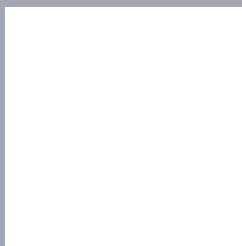
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2900, 38.5264, 48.1188

Background



This preview shows how black text looks on a background with the XYZ color 37.2900, 38.5264, 48.1188.

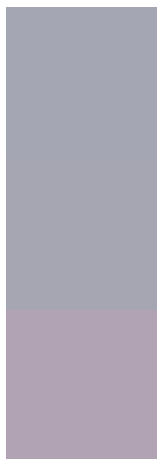


This preview shows how white text looks on a background with the XYZ color 37.2900, 38.5264,

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

37.2900, 38.5264, 48.1188

Protanopia

37.4988, 38.6341, 48.1286

Deuteranopia

39.2900, 38.4831, 48.5372



Tritanopia

37.2900, 38.5264, 48.1188

Trichromacy



Original Color

37.2900, 38.5264, 48.1188

Protanomaly

37.4988, 38.6341, 48.1286

Deuteranomaly

38.5690, 38.3739, 48.5541

Tritanomaly

37.2900, 38.5264, 48.1188

Monochromacy



Original Color

37.2900, 38.5264, 48.1188

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.8953, 38.6847, 44.0504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2900, 38.5264, 48.1188 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(165, 166, 179) looks like.

```
.text, #text, p{  
    color:rgb(165, 166, 179)  
}
```

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(165, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 166, 179) }
```

Border

The CSS property to change the border of an element to XYZ 37.2900, 38.5264, 48.1188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

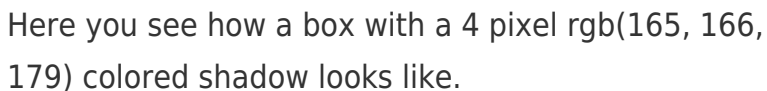
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 166, 179) }
```


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

```
.border{ border-color:rgb(165, 166, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 166, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 166, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 166, 179); box-shadow:4px 4px 4px 4px rgb(165, 166, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2900, 38.5264, 48.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 166, 179) }
```

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

```
.background{ background-color: rgb(165,  
166, 179) }
```

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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