

Converting Colors

XYZ(38.2767, 41.2768, 48.0640)

Have a look what the booklet for
XYZ(38.2767, 41.2768, 48.0640)
contains.

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Color

**XYZ(38.2762, 41.2730,
48.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	A3AEB2
RGB	163, 174, 178
RGB Percent	64%, 68%, 70%
CMY	0.3608, 0.3176, 0.3020
CMYK	0.08, 0.02, 0.00, 0.30
HSL	196°, 9%, 67%
HSV	196°, 8%, 70%
XYZ	38.2762, 41.2730, 48.0686
YIQ	171.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

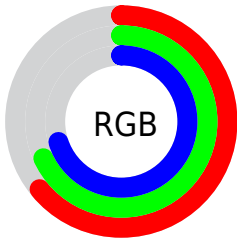
Format	Color
RYB	163, 169, 178
Decimal	10727090
CIELab	70.37, -3.04, -3.38
CIELCh	70, 4.544, 228.044
Yxy	41.2730, 0.2999, 0.3234
Android (android.graphics.Color)	4288917170 (0xFFFA3AEB2)
YUV	171.1670, 3.3687, -7.1625
Hunter-Lab	64.2441, -6.0780, 0.6090

Details

The XYZ color **38.2762, 41.2730, 48.0686** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7898, 39.7465, 40.2784**, and the grayscale version is **38.7800, 40.7996, 44.4307**.

A 20% lighter version of the original color is **71.7840, 76.8846, 88.8987**, and **17.2167, 18.7792, 22.1194** is the 20% darker color. If you saturate the color by 10%, you get **33.9851, 37.7254, 47.6107**, and if you desaturate by 10%, it is **43.1151, 45.1533, 48.5632**.

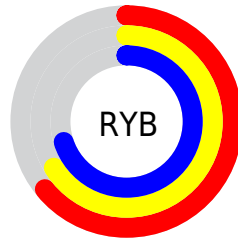
Distribution



Red (64%)

Green (68%)

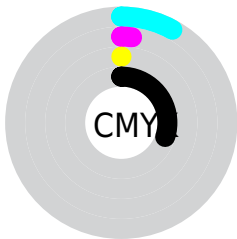
Blue (70%)



Red (64%)

Yellow (66%)

Blue (70%)

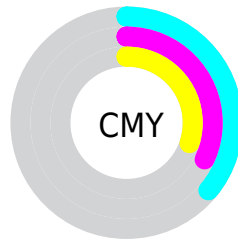


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (30%)



Cyan (36%)

Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2762, 41.2730, 48.0686 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 38.2762, 41.2730, 48.0686 by changing the saturation by 10% instead.

■ 38.2762, 41.2730,
48.0686

■ 38.2762, 41.2730,
48.0686

330.0637,
351.4603, 395.5805

■ 26.3753, 28.5325,
33.5208

■ 71.8325, 77.0981,
88.6731

■ 17.2388, 18.7274,
22.2514

■ 94.2185, 100.9515,
115.5670

■ 10.5012, 11.4735,
13.8416

120.8304,
129.2780, 147.4133

■ 5.7973, 6.3863,
7.8731

152.0334,
162.4620, 184.6306

■ 2.7617, 3.0813,
3.9273

188.1928,
200.8878, 227.6375

■ 1.0290, 1.1743,
1.5855

229.6742,

■ 0.0000, 0.0406,

244.9398, 276.8524

0.2805

276.8427,
295.0026, 332.6939

■ 0.0000, 0.0000,
0.0000

■ 38.2762, 41.2730,
48.0686

■ 38.2762, 41.2730,
48.0686

■ 33.9851, 37.7254,
47.6107

■ 43.1151, 45.1533,
48.5632

■ 30.2165, 34.4937,
47.1855

■ 48.5186, 49.3720,
49.0927

■ 26.9485, 31.5670,
46.7928

■ 54.5071, 53.9413,
49.6590

■ 24.1561, 28.9322,
46.4314

■ 61.0991, 58.8712,
50.2631

■ 21.8122, 26.5746,
46.0999

■ 68.3121, 64.1712,
50.9060

■ 19.8867, 24.4781,
45.7967

■ 70.5058, 66.9340,
51.3236

■ 18.3455, 22.6248,
45.5202

■ 71.6394, 69.2011,
51.7015

■ 17.1489, 20.9936,
45.2685

■ 72.8075, 71.5373,
52.0908

■ 16.2294, 19.5492,
45.0381

■ 74.0104, 73.9432,
52.4918

Harmonies

Analogous

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



37.8787, 41.2730, 46.2256



38.2762, 41.2730, 48.0686



38.9319, 41.2730, 49.0853

Triad

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



38.2762, 41.2730, 48.0686



40.6509, 41.2730, 45.7969



38.7855, 41.2730, 41.1401

Complementary

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



38.2762, 41.2730, 48.0686



38.7898, 39.7465, 40.2784

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.



39.5271, 41.2730, 41.0335



38.2762, 41.2730, 48.0686



40.6105, 41.2730, 43.6770

Square

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



38.2762, 41.2730, 48.0686



40.3067, 41.2730, 47.7462



40.1970, 41.2730, 41.9488



38.1702, 41.2730, 42.2446

Rectangle

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



38.2762, 41.2730, 48.0686



39.4301, 41.2730, 49.1371



40.1970, 41.2730, 41.9488



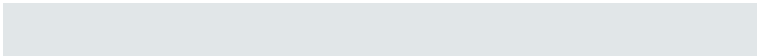
39.0281, 41.2730, 40.9877

Sweetspot

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



38.2774, 41.2747, 48.0695



74.0026, 78.5530, 87.6431



37.9773, 42.4088, 42.6229



16.2394, 17.2784, 19.4014



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.



38.2774, 41.2747, 48.0695



67.9832, 73.6817, 87.0201



36.9138, 38.5475, 47.6150



8.5473, 9.2408, 10.8395



11.5691, 13.9385, 32.2176



0.4088, 0.5282, 1.0286

Inverse Universe

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



39.0982, 38.7162, 45.4587



69.7665, 68.1727, 81.3368



40.1560, 42.4788, 40.7338



8.7514, 8.6073, 10.1895



16.0742, 7.9472, 16.0825



0.5284, 0.2591, 0.6251

Previews

White Background



This preview shows how the XYZ color 38.2762, 41.2730, 48.0686 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 38.2762, 41.2730, 48.0686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

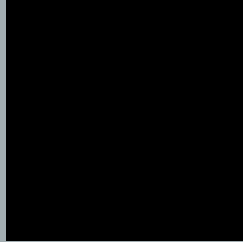
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

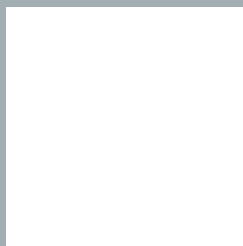
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2762, 41.2730, 48.0686

Background



This preview shows how black text looks on a background with the XYZ color 38.2762, 41.2730, 48.0686.



This preview shows how white text looks on a background with the XYZ color 38.2762, 41.2730,

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

38.2762, 41.2730, 48.0686

Protanopia

39.8549, 41.2591, 46.9375

Deuteranopia

41.9630, 41.2064, 48.3898



Tritanopia

39.1163, 41.3248, 52.3692

Trichromacy



Original Color

38.2762, 41.2730, 48.0686

Protanomaly

39.2659, 41.2254, 47.4827

Deuteranomaly

40.6429, 41.3512, 48.4873

Tritanomaly

38.8007, 41.1986, 50.7068

Monochromacy



Original Color

38.2762, 41.2730, 48.0686

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.5410, 40.8859, 45.9048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2762, 41.2730, 48.0686 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(163, 174, 178)` looks like.

```
.text, #text, p{  
    color:rgb(163, 174, 178)  
}
```

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(163, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 174, 178) }
```

Border

The CSS property to change the border of an element to XYZ 38.2762, 41.2730, 48.0686 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(163, 174, 178) }
```


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

```
.border{ border-color:rgb(163, 174, 178) }
```

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

Here you see how a box with a 4 pixel rgb(163, 174, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(163, 174,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2762, 41.2730, 48.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 174, 178) }
```

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

```
.background{ background-color: rgb(163,  
174, 178) }
```

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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