

Converting Colors

XYZ(38.0180, 42.1168, 47.1740)

Have a look what the booklet for
XYZ(38.0180, 42.1168, 47.1740)
contains.

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Color

**XYZ(38.0558, 42.0525,
47.1855)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B1B0
RGB	160, 177, 176
RGB Percent	63%, 69%, 69%
CMY	0.3725, 0.3059, 0.3098
CMYK	0.10, 0.00, 0.01, 0.31
HSL	176°, 10%, 66%
HSV	176°, 10%, 69%
XYZ	38.0558, 42.0525, 47.1855
YIQ	171.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

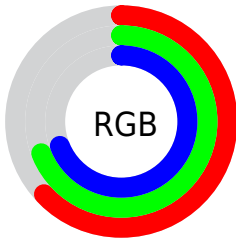
Format	Color
RYB	160, 169, 177
Decimal	10531248
CIELab	70.91, -6.08, -1.51
CIElCh	71, 6.262, 193.947
Yxy	42.0525, 0.2990, 0.3304
Android (android.graphics.Color)	4288721328 (0xFFFA0B1B0)
YUV	171.8030, 2.0691, -10.3512
Hunter-Lab	64.8479, -8.7316, 2.2521

Details

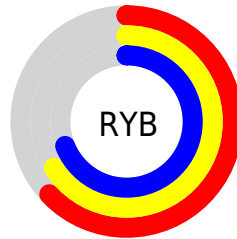
The XYZ color **38.0558, 42.0525, 47.1855** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1368, 37.0630, 38.9166**, and the grayscale version is **39.1075, 41.1441, 44.8060**.

A 20% lighter version of the original color is **71.7287, 78.5511, 87.7253**, and **17.0301, 19.0587, 21.8499** is the 20% darker color. If you saturate the color by 10%, you get **34.6636, 40.3168, 46.4904**, and if you desaturate by 10%, it is **41.9550, 44.0518, 47.9102**.

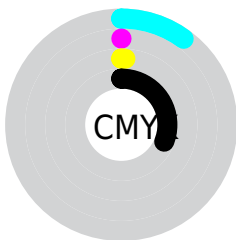
Distribution



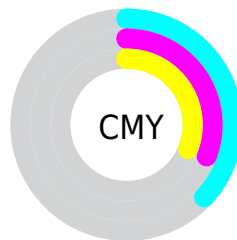
- Red (63%)
- Green (69%)
- Blue (69%)



- Red (63%)
- Yellow (66%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (37%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0558, 42.0525, 47.1855 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 38.0558, 42.0525, 47.1855 by changing the saturation by 10% instead.

■ 38.0558, 42.0525,
47.1855

■ 38.0558, 42.0525,
47.1855

329.1360,
354.7005, 391.9697

■ 26.2034, 29.1424,
32.8269

■ 71.4970, 78.2791,
87.3433

■ 17.1094, 19.1886,
21.7239

■ 93.8165, 102.3643,
113.9797

■ 10.4083, 11.8066,
13.4578

120.3558,
130.9435, 145.5457

■ 5.7348, 6.6121,
7.6101

151.4802,
164.4008, 182.4599

■ 2.7236, 3.2207,
3.7623

187.5551,
203.1208, 225.1409

■ 1.0094, 1.2480,
1.4959

228.9457,

■ 0.0000, 0.1004,

247.4878, 274.0071

0.2149

276.0176,
297.8863, 329.4772

■ 0.0000, 0.0000,
0.0000

■ 38.0558, 42.0525,
47.1855

■ 38.0558, 42.0525,
47.1855

■ 34.6636, 40.3168,
46.4904

■ 41.9550, 44.0518,
47.9102

■ 31.7537, 38.8285,
45.8211

■ 46.3775, 46.3196,
48.6627

■ 29.3045, 37.5776,
45.1776

■ 51.3434, 48.8674,
49.4448

■ 27.2916, 36.5515,
44.5585

■ 56.8707, 51.7046,
50.2573

■ 25.6881, 35.7364,
43.9628

■ 62.9763, 54.8398,
51.1011

■ 24.4644, 35.1170,
43.3889

■ 65.4339, 56.0943,
51.7784

■ 23.5866, 34.6758,
42.8353

■ 65.5424, 56.1377,
52.3499

■ 23.0152, 34.3925,
42.3001

■ 65.6518, 56.1815,
52.9257

■ 22.6703, 34.2259,
41.7796

■ 65.7619, 56.2255,
53.5057

Harmonies

Analogous

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



38.0743, 42.0525, 44.2189



38.0558, 42.0525, 47.1855



38.5439, 42.0525, 49.8883

Triad

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



38.0558, 42.0525, 47.1855



41.3768, 42.0525, 50.0465



40.5265, 42.0525, 40.4902

Complementary

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



38.0558, 42.0525, 47.1855



37.1368, 37.0630, 38.9166

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.



41.4302, 42.0525, 41.9188



38.0558, 42.0525, 47.1855



41.9269, 42.0525, 47.3938

Square

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



38.0558, 42.0525, 47.1855



40.4547, 42.0525, 51.5880



41.9466, 42.0525, 44.4184



39.4885, 42.0525, 40.4399

Rectangle

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



38.0558, 42.0525, 47.1855



39.0958, 42.0525, 51.1410



41.9466, 42.0525, 44.4184



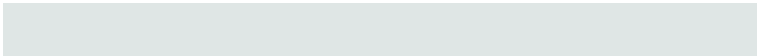
40.8564, 42.0525, 40.8223

Sweetspot

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



38.0570, 42.0543, 47.1864



72.6268, 77.6050, 85.3489



36.7933, 41.5751, 39.3438



15.6172, 16.7556, 18.4740



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.



38.0570, 42.0543, 47.1864



66.4905, 74.4612, 84.1763



36.7403, 39.2614, 47.2389



8.7206, 9.6227, 10.7882



16.4234, 24.7953, 30.2962



0.5232, 0.7828, 0.9874

Inverse Universe

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



37.1368, 37.0630, 38.9166



64.4333, 63.3024, 65.6883



38.3641, 39.6586, 38.8911



8.5160, 8.5131, 8.9498



13.1863, 6.7921, 0.8751



0.4216, 0.2164, 0.0627

Previews

White Background



This preview shows how the XYZ color 38.0558, 42.0525, 47.1855 looks on a white background.

Color Contrast Check

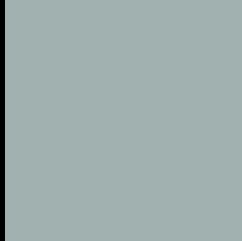
Large Text (above 18pt) WCAG AA × Fail

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 38.0558, 42.0525, 47.1855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

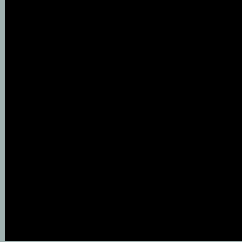
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

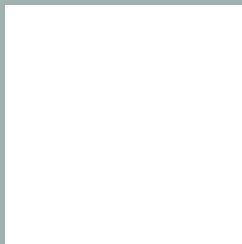
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0558, 42.0525, 47.1855

Background



This preview shows how black text looks on a background with the XYZ color 38.0558, 42.0525, 47.1855.

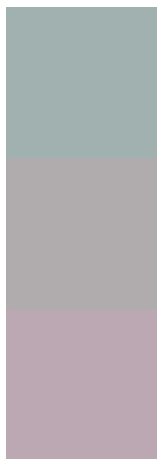


This preview shows how white text looks on a background with the XYZ color 38.0558, 42.0525,

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

38.0558, 42.0525, 47.1855

Protanopia

40.1998, 41.7523, 45.4754

Deuteranopia

42.7776, 41.9110, 47.9545



Tritanopia

39.4156, 42.0154, 54.1765

Trichromacy



Original Color

38.0558, 42.0525, 47.1855

Protanomaly

39.3536, 41.8741, 46.0528

Deuteranomaly

40.8588, 41.7651, 47.5030

Tritanomaly

38.8750, 42.0884, 51.4223

Monochromacy



Original Color

38.0558, 42.0525, 47.1855

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.8273, 41.6141, 45.5211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0558, 42.0525, 47.1855 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(160, 177, 176)` looks like.

```
.text, #text, p{  
    color:rgb(160, 177, 176)  
}
```

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(160, 177, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 177, 176) }
```

Border

The CSS property to change the border of an element to XYZ 38.0558, 42.0525, 47.1855 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(160, 177, 176) }
```


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

```
.border{ border-color:rgb(160, 177, 176) }
```

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

Here you see how a box with a 4 pixel rgb(160, 177, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 177, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 177, 176);  
box-shadow:4px 4px 4px 4px rgb(160, 177,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0558, 42.0525, 47.1855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 177, 176) }
```

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

```
.background{ background-color: rgb(160,  
177, 176) }
```

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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