

Converting Colors

XYZ(38.6191, 38.1842, 70.3006)

Have a look what the booklet for
XYZ(38.6191, 38.1842, 70.3006)
contains.

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Color

**XYZ(38.6190, 38.1842,
70.3006)**

Conversions

Conversions Part 1

Format	Color
Hex	98A4D8
RGB	152, 164, 216
RGB Percent	60%, 64%, 85%
CMY	0.4039, 0.3568, 0.1529
CMYK	0.30, 0.24, 0.00, 0.15
HSL	229°, 45%, 72%
HSV	229°, 30%, 85%
XYZ	38.6190, 38.1842, 70.3006
YIQ	166.3400, -23.8440, 13.6280

Conversions

Conversions Part 2

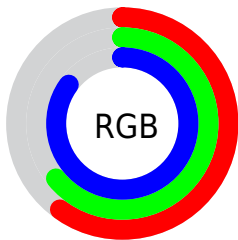
Format	Color
RYB	152, 162, 216
Decimal	10003672
CIELab	68.16, 7.59, -27.76
CIELCh	68, 28.783, 285.289
Yxy	38.1842, 0.2625, 0.2596
Android (android.graphics.Color)	4288193752 (0xFF98A4D8)
YUV	166.3400, 24.4824, -12.5762
Hunter-Lab	61.7934, 3.4188, -24.1972

Details

The XYZ color **38.6190, 38.1842, 70.3006** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.5799, 60.0521, 38.3688**, and the grayscale version is **36.3045, 38.1951, 41.5945**.

A 20% lighter version of the original color is **69.1136, 71.1484, 104.6981**, and **17.3728, 16.8142, 36.0480** is the 20% darker color. If you saturate the color by 10%, you get **32.0116, 30.4335, 69.1535**, and if you desaturate by 10%, it is **46.3986, 47.1842, 71.6284**.

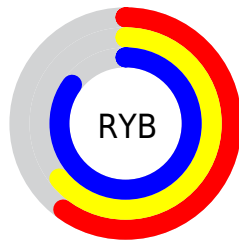
Distribution



Red (60%)

Green (64%)

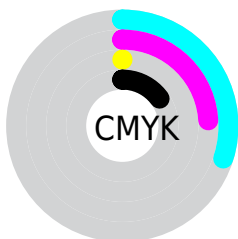
Blue (85%)



Red (60%)

Yellow (64%)

Blue (85%)

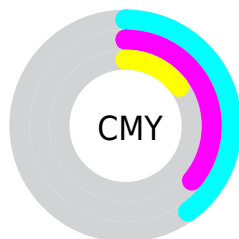


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (15%)



Cyan (40%)

Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6190, 38.1842, 70.3006 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 38.6190, 38.1842, 70.3006 by changing the saturation by 10% instead.

■ 38.6190, 38.1842,
70.3006

■ 38.6190, 38.1842,
70.3006

331.5030,
338.4095, 480.4224

■ 26.6429, 26.1257,
51.2933

■ 72.3537, 72.3904,
121.3225

■ 17.4404, 16.9177,
36.0637

■ 94.8430, 95.3068,
154.1741

■ 10.6462, 10.1758,
24.1934

121.5674,
122.6114, 192.4777

■ 5.8950, 5.5157,
15.2636

152.8922,
154.6884, 236.6516

■ 2.8214, 2.5529,
8.8559

189.1828,
191.9224, 287.1145

■ 1.0600, 0.9030,
4.5518

230.8046,

■ 0.0000, 0.0000,

234.6976, 344.2849

1.9327

278.1229,
283.3985, 408.5814

■ 0.0000, 0.0000,
0.5134

■ 0.0000, 0.0000,
0.0000

■ 38.6190, 38.1842,
70.3006

■ 38.6190, 38.1842,
70.3006

■ 32.0116, 30.4335,
69.1535

■ 46.3986, 47.1842,
71.6284

■ 26.5148, 23.8718,
68.1767

■ 55.4000, 57.4813,
73.1415

■ 22.0674, 18.4402,
67.3627

■ 65.6749, 69.1263,
74.8477

■ 18.6002, 14.0731,
66.7024

■ 77.2707, 82.1658,
76.7534

■ 16.0356, 10.6975,
66.1861

■ 88.3674, 95.6831,
78.7776

■ 14.2834, 8.2308,
65.8023

■ 89.3948, 97.7379,
79.1201

■ 13.2031, 6.5597,
65.5367

■ 13.1707, 6.5097,
65.5287

Harmonies

Analogous

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



34.1430, 38.1842, 70.3923



38.6190, 38.1842, 70.3006



42.7853, 38.1842, 61.5252

Triad

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



38.6190, 38.1842, 70.3006



42.7165, 38.1842, 26.3551



28.5618, 38.1842, 35.6042

Complementary

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



38.6190, 38.1842, 70.3006



55.5799, 60.0521, 38.3688

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.



30.4930, 38.1842, 26.4855



38.6190, 38.1842, 70.3006



38.5313, 38.1842, 21.9429

Square

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



38.6190, 38.1842, 70.3006



45.2805, 38.1842, 35.3872



34.0622, 38.1842, 21.9852



28.5810, 38.1842, 48.4475

Rectangle

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



38.6190, 38.1842, 70.3006



44.7204, 38.1842, 52.8007



34.0622, 38.1842, 21.9852



28.9969, 38.1842, 32.0669

Sweetspot

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



38.6203, 38.1857, 70.3015



81.4423, 84.5788, 106.6406



48.3090, 60.1093, 65.6819



16.9923, 17.6027, 22.7520



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



38.6203, 38.1857, 70.3015



49.6002, 47.8375, 101.2271



40.4621, 36.0959, 69.8010



11.9292, 12.3817, 15.6987



7.8539, 3.9696, 38.8054



0.5307, 0.3535, 2.3596

Inverse Universe

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



46.2490, 39.7369, 40.3559



62.6532, 50.8377, 49.9119



53.1978, 63.2229, 39.1063



12.5174, 12.4585, 13.3991



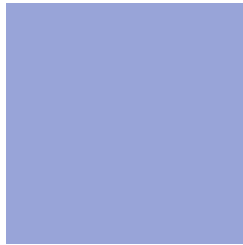
17.0231, 8.7456, 2.1600



1.0555, 0.5390, 0.2818

Previews

White Background



This preview shows how the XYZ color 38.6190, 38.1842, 70.3006 looks on a white background.

Color Contrast Check

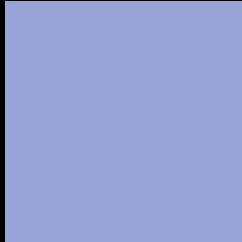
Large Text (above 18pt) WCAG AA × Fail

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 38.6190, 38.1842, 70.3006 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 38.6190, 38.1842, 70.3006

Background



This preview shows how black text looks on a background with the XYZ color 38.6190, 38.1842, 70.3006.



This preview shows how white text looks on a background with the XYZ color 38.6190, 38.1842,

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

38.6190, 38.1842, 70.3006

Protanopia

38.6190, 38.1842, 70.3006

Deuteranopia

39.0094, 38.1208, 70.2678



Tritanopia

34.7035, 38.2299, 50.8974

Trichromacy



Original Color

38.6190, 38.1842, 70.3006

Protanomaly

38.6190, 38.1842, 70.3006

Deuteranomaly

38.8183, 38.0223, 70.2588

Tritanomaly

36.1792, 38.2867, 57.7078

Monochromacy



Original Color

38.6190, 38.1842, 70.3006

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.8048, 37.9480, 50.7323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6190, 38.1842, 70.3006 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(152, 164, 216)` looks like.

```
.text, #text, p{  
    color:rgb(152, 164, 216)  
}
```

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(152, 164, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 164, 216) }
```

Border

The CSS property to change the border of an element to XYZ 38.6190, 38.1842, 70.3006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

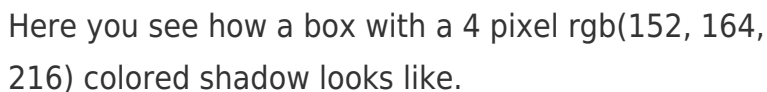
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 164, 216) }
```


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

```
.border{ border-color:rgb(152, 164, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 164, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 164, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 164, 216);  
box-shadow:4px 4px 4px 4px rgb(152, 164,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6190, 38.1842, 70.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 164, 216) }
```

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

```
.background{ background-color: rgb(152,  
164, 216) }
```

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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