

Converting Colors

YUV(100.8960, 38.0123,
-12.1868)

Have a look what the booklet for
YUV(100.8960, 38.0123, -12.1868)
contains.

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Color

**YUV(100.8960, 38.0123,
-12.1868)**

Conversions

Conversions Part 1

Format	Color
Hex	575DB2
RGB	87, 93, 178
RGB Percent	34%, 36%, 70%
CMY	0.6588, 0.6353, 0.3020
CMYK	0.51, 0.48, 0.00, 0.30
HSL	236°, 37%, 52%
HSV	236°, 51%, 70%
XYZ	15.8807, 13.0693, 43.8051
YIQ	100.8960, -30.8610, 25.1630

Conversions

Conversions Part 2

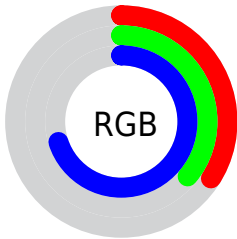
Format	Color
R_{YB}	87, 93, 178
Decimal	5725618
CIE _{Lab}	42.87, 21.65, -46.15
CIE _{LCh}	43, 50.975, 295.133
Yxy	13.0693, 0.2183, 0.1796
Android (android.graphics.Color)	4283915698 (0xFF575DB2)
YUV	100.8960, 38.0123, -12.1868
Hunter-Lab	36.1515, 15.1469, -46.5363

Details

The YUV color **100.8960, 38.0123, -12.1868** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **164.1040, -38.0123, 12.1868**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.0750, 39.8960, -9.7128**, and **49.9120, 37.0184, -20.0938** is the 20% darker color. If you saturate the color by 10%, you get **85.5350, 45.5852, -14.5012**, and if you desaturate by 10%, it is **116.2570, 30.4393, -9.8724**.

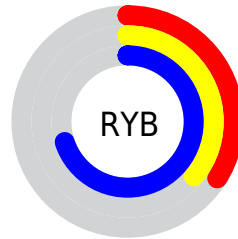
Distribution



Red (34%)

Green (36%)

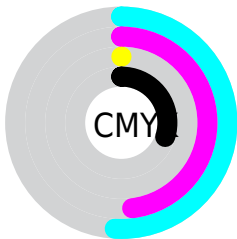
Blue (70%)



Red (34%)

Yellow (36%)

Blue (70%)

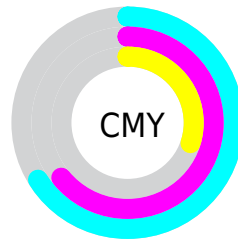


Cyan (51%)

Magenta (48%)

Yellow (0%)

Black (30%)



Cyan (66%)

Magenta (64%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.8960, 38.0123, -12.1868 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 YUV color 100.8960, 38.0123, -12.1868 by changing the saturation by 10% instead.

■ 100.8960, 38.0123,
-12.1868

■ 100.8960, 38.0123,
-12.1868

■ 255.0000, 0.0000,
0.0000

■ 75.9450, 37.0021,
-14.8608

■ 153.0750, 39.8960,
-9.7128

■ 49.9120, 37.0184,
-20.0938

■ 179.6900, 37.1278,
-8.4981

■ 27.1350, 35.4294,
-23.7974

■ 204.2100, 25.0395,
-4.5692

■ 9.7240, 32.1811,
-8.5279

■ 229.3170, 12.6617,
-1.1550

■ 8.1620, 21.1191,
-7.1581

■ 253.8260, 0.5788,
1.0296

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 100.8960, 38.0123,
-12.1868

■ 100.8960, 38.0123,
-12.1868

■ 85.5350, 45.5852,
-14.5012

■ 116.2570, 30.4393,
-9.8724

■ 70.7610, 52.8688,
-17.3304

■ 131.0310, 23.1557,
-7.0432

■ 55.6990, 60.2944,
-19.0300

■ 146.0930, 15.7302,
-5.3436

■ 40.3380, 67.8674,
-21.3444

■ 161.4540, 8.1572,
-3.0292

■ 27.3360, 74.2774,
-23.9737

■ 176.2280, 0.8736,
-0.2000

■ 191.5890, -6.6994,
2.1144

■ 206.3630,
-13.9830, 4.9436

■ 221.4250,
-21.4085, 6.6433

■ 236.7860,
-28.9815, 8.9577

Harmonies

Analogous

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



84.4860, 49.5534, -74.0942



100.8960, 38.0123, -12.1868



103.3060, 23.0201, 36.5656

Triad

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



100.8960, 38.0123, -12.1868



97.7360, -32.9008, 52.8515



81.0420, 5.8953, -71.0738

Complementary

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



100.8960, 38.0123, -12.1868



164.1040, -38.0123, 12.1868

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.



80.9570, -15.2618, -51.7053



100.8960, 38.0123, -12.1868



94.9120, -46.7916, 28.1412

Square

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



100.8960, 38.0123, -12.1868



97.0580, -14.3256, 68.3551



91.1360, -40.0000, -3.6273



86.5310, 24.3882, -75.8877

Rectangle

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



100.8960, 38.0123, -12.1868



100.1640, 11.7511, 57.7382



91.1360, -40.0000, -3.6273



78.7450, -0.3673, -69.0594

Sweetspot

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



100.8960, 38.0123, -12.1868



202.7510, 14.4198, -5.0436



150.1070, 10.7932, -55.3448



99.5680, 8.5940, -3.1291



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



100.8960, 38.0123, -12.1868



112.0580, 59.1314, -19.3449



109.0350, 33.9997, 14.8783



81.6130, 3.6418, -1.4146



23.3120, 63.9362, -20.4446



4.1380, 10.7780, -3.6290

Inverse Universe

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



114.8930, -10.7932, 55.3448



133.5980, -16.5638, 86.2986



155.9650, -33.9997, -14.8783



82.8050, -0.8899, 5.4330



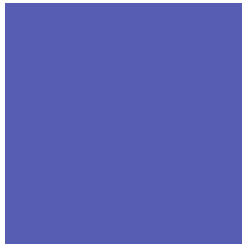
46.8870, -18.1853, 93.0611



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 100.8960, 38.0123, -12.1868 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 100.8960, 38.0123, -12.1868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.8960, 38.0123, -12.1868

Background



This preview shows how black text looks on a background with the YUV color 100.8960, 38.0123, -12.1868.



This preview shows how white text looks on a background with the YUV color 100.8960, 38.0123, -12.1868.

-12.1868.

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

100.8960, 38.0123, -12.1868

Protanopia

96.0290, 42.8767, -32.4744

Deuteranopia

91.8980, 41.4623, -45.5145



Tritanopia

96.0660, 9.8275, -25.4909

Trichromacy



Original Color

100.8960, 38.0123, -12.1868

Protanomaly

97.6170, 41.1078, -25.0971

Deuteranomaly

95.3340, 40.2613, -33.6189

Tritanomaly

97.8460, 20.2889, -20.9129

Monochromacy



Original Color

100.8960, 38.0123, -12.1868

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9360, 13.8356, -4.3289

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.8960, 38.0123, -12.1868 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(87, 93, 178)` looks like.

```
.text, #text, p{  
    color:rgb(87, 93, 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(87, 93, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 93, 178) }
```

Border

The CSS property to change the border of an element to YUV 100.8960, 38.0123, -12.1868 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(87, 93, 178) }
```


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

```
.border{ border-color:rgb(87, 93, 178) }
```

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

Here you see how a box with a 4 pixel rgb(87, 93, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 93, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 93, 178);  
box-shadow:4px 4px 4px 4px rgb(87, 93,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 100.8960, 38.0123, -12.1868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 93, 178) }
```

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

```
.background{ background-color: rgb(87, 93,  
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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