

Converting Colors

YUV(160.7190, 12.9565,
-2.3846)

Have a look what the booklet for
YUV(160.7190, 12.9565, -2.3846)
contains.

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Color

**YUV(160.7190, 12.9565,
-2.3846)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9DBB
RGB	158, 157, 187
RGB Percent	62%, 62%, 73%
CMY	0.3804, 0.3843, 0.2667
CMYK	0.16, 0.16, 0.00, 0.27
HSL	242°, 18%, 67%
HSV	242°, 16%, 73%
XYZ	35.1272, 34.9709, 51.9124
YIQ	160.7190, -9.0340, 9.5420

Conversions

Conversions Part 2

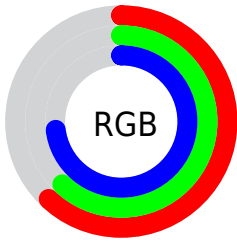
Format	Color
RYB	158, 157, 187
Decimal	10395067
CIELab	65.73, 6.55, -15.34
CIELCh	66, 16.676, 293.123
Yxy	34.9709, 0.2879, 0.2866
Android (android.graphics.Color)	4288585147 (0xFF9E9DBB)
YUV	160.7190, 12.9565, -2.3846
Hunter-Lab	59.1362, 2.5414, -10.6520

Details

The YUV color $160.7190, 12.9565, -2.3846$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $183.2810, -12.9565, 2.3846$, and the grayscale version is $161.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $215.8330, 13.3933, -2.4845$, and $109.1920, 12.2303, -2.7994$ is the 20% darker color. If you saturate the color by 10%, you get $144.1840, 21.1083, -3.6694$, and if you desaturate by 10%, it is $177.2540, 4.8048, -1.0998$.

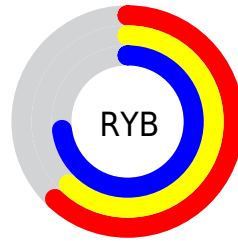
Distribution



Red (62%)

Green (62%)

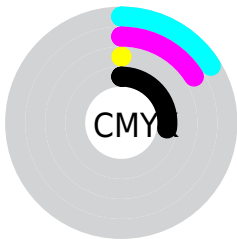
Blue (73%)



Red (62%)

Yellow (62%)

Blue (73%)

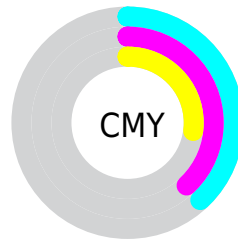


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.7190, 12.9565, -2.3846 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 160.7190, 12.9565, -2.3846 by changing the saturation by 10% instead.

■ 160.7190, 12.9565,
-2.3846

■ 160.7190, 12.9565,
-2.3846

255.0000, 0.0000,
0.0000

■ 134.6050, 12.5197,
-2.2846

■ 215.8330, 13.3933,
-2.4845

■ 109.1920, 12.2303,
-2.7994

■ 242.0090, 6.4046,
-0.8849

■ 84.9640, 11.3567,
-2.5994

■ 61.5510, 11.0674,
-3.1142

■ 39.4370, 10.6306,
-3.0142

■ 18.3230, 10.1938,
-2.9143

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 160.7190, 12.9565,
-2.3846

■ 160.7190, 12.9565,
-2.3846

■ 144.1840, 21.1083,
-3.6694

■ 177.2540, 4.8048,
-1.0998

■ 128.2360, 28.9707,
-5.4690

■ 193.2020, -3.0576,
0.6998

■ 111.7010, 37.1224,
-6.7538

■ 209.7370,
-11.2093, 1.9847

■ 95.1660, 45.2742,
-8.0386

■ 226.2720,
-19.3611, 3.2695

■ 79.2180, 53.1365,
-9.8382

■ 242.8070,
-27.5129, 4.5543

■ 62.6830, 61.2883,
-11.1230

■ 247.2480,
-29.7023, 6.7985

■ 45.8490, 69.5874,
-13.0226

■ 29.3140, 77.7392,
-14.3074

■ 23.1120, 80.7968,
-15.0072

Harmonies

Analogous

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



158.2010, 15.1839, -16.8393



160.7190, 12.9565, -2.3846



162.1400, 7.8190, 12.1552

Triad

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



160.7190, 12.9565, -2.3846



160.9290, -12.2900, 21.9873



154.3730, 0.8021, -24.0061

Complementary

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



160.7190, 12.9565, -2.3846



183.2810, -12.9565, 2.3846

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.



155.9740, -7.3822, -12.2552



160.7190, 12.9565, -2.3846



159.3040, -14.4469, 13.7654

Square

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



160.7190, 12.9565, -2.3846



162.1450, -6.4805, 25.3058



157.6830, -12.6617, 1.1550



153.9900, 8.3859, -29.8092

Rectangle

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



160.7190, 12.9565, -2.3846



162.6310, 3.1399, 19.6176



157.6830, -12.6617, 1.1550



154.8850, -2.4083, -20.9471

Sweetspot

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



160.7190, 12.9565, -2.3846



231.6670, 5.0942, -0.5850



177.4430, 4.7116, -17.9285



115.7980, 3.0576, -0.6998



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



160.7190, 12.9565, -2.3846



201.8420, 19.7979, -3.3694



165.2040, 10.7454, 6.8371



86.0260, 3.9312, -0.8998



19.5070, 68.2770, -12.7226



3.8330, 13.3933, -2.4845

Inverse Universe

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



169.2760, 8.2449, 15.5439



214.8840, 12.8752, 23.7807



178.7960, -10.7454, -6.8371



88.7170, 2.6045, 4.6332



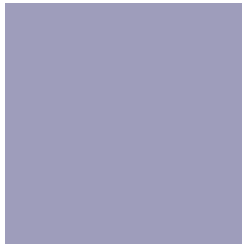
64.6840, 43.5398, 81.8381



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 160.7190, 12.9565, -2.3846 looks on a white background.

Color Contrast Check

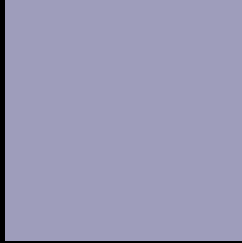
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 160.7190, 12.9565, -2.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

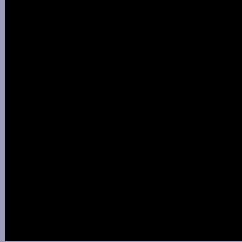
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.7190, 12.9565, -2.3846

Background



This preview shows how black text looks on a background with the YUV color 160.7190, 12.9565, -2.3846.



This preview shows how white text looks on a background with the YUV color 160.7190, 12.9565, -2.3846.

-2.3846.

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

160.7190, 12.9565, -2.3846

Protanopia

160.2240, 13.6936, -5.4584

Deuteranopia

161.3280, 12.6563, 0.5893



Tritanopia

159.8730, 5.9786, -4.2736

Trichromacy



Original Color

160.7190, 12.9565, -2.3846

Protanomaly

160.5230, 13.5462, -4.8437

Deuteranomaly

161.0290, 12.8037, -0.0254

Tritanomaly

160.1550, 8.3046, -3.6439

Monochromacy



Original Color

160.7190, 12.9565, -2.3846

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.7190, 12.9565, -2.3846 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(158, 157, 187)` looks like.

```
.text, #text, p{  
    color:rgb(158, 157, 187)  
}
```

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(158, 157, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 157, 187) }
```

Border

The CSS property to change the border of an element to YUV 160.7190, 12.9565, -2.3846 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(158, 157, 187) }
```


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

```
.border{ border-color:rgb(158, 157, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 157, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 157, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 157, 187);  
box-shadow:4px 4px 4px 4px rgb(158, 157,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 160.7190, 12.9565, -2.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 157, 187) }
```

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

```
.background{ background-color: rgb(158,  
157, 187) }
```

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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