

Converting Colors

YUV(12.6160, 12.5143, -0.5402)

Have a look what the booklet for
YUV(12.6160, 12.5143, -0.5402)
contains.

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Color

**YUV(12.6160, 12.5143,
-0.5402)**

Conversions

Conversions Part 1

Format	Color
Hex	0C0826
RGB	12, 8, 38
RGB Percent	5%, 3%, 15%
CMY	0.9529, 0.9686, 0.8510
CMYK	0.68, 0.79, 0.00, 0.85
HSL	248°, 65%, 9%
HSV	248°, 79%, 15%
XYZ	0.5883, 0.3918, 1.8783
YIQ	12.6160, -7.2460, 10.1780

Conversions

Conversions Part 2

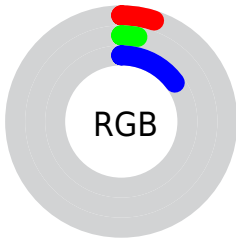
Format	Color
RYB	12, 8, 38
Decimal	788518
CIELab	3.54, 8.85, -17.99
CIELCh	4, 20.047, 296.184
Yxy	0.3918, 0.2058, 0.1371
Android (android.graphics.Color)	4278978598 (0xFF0C0826)
YUV	12.6160, 12.5143, -0.5402
Hunter-Lab	6.2591, 5.8239, -13.4112

Details

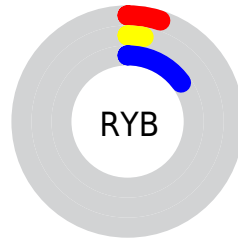
The YUV color **12.6160, 12.5143, -0.5402** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **33.3840, -12.5143, 0.5402**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **57.0180, 12.8091, -1.7698**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **9.3710, 14.1141, -0.3254**, and if you desaturate by 10%, it is **15.8610, 10.9145, -0.7551**.

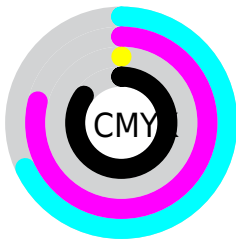
Distribution



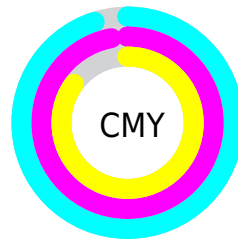
- Red (5%)
- Green (3%)
- Blue (15%)



- Red (5%)
- Yellow (3%)
- Blue (15%)



- Cyan (68%)
- Magenta (79%)
- Yellow (0%)
- Black (85%)



- Cyan (95%)
- Magenta (97%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 12.6160, 12.5143, -0.5402 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 12.6160, 12.5143, -0.5402 by changing the saturation by 10% instead.

■ 12.6160, 12.5143,
-0.5402

■ 12.6160, 12.5143,
-0.5402

■ 236.1170, 9.3093,
0.7744

■ 2.4110, 6.6994,
-2.1144

■ 57.0180, 12.8091,
-1.7698

■ 0.0000, 0.0000,
0.0000

■ 80.1320, 13.2459,
-1.8698

■ 103.7730, 14.4089,
-1.5549

■ 129.1860, 14.6983,
-1.0401

■ 155.3000, 15.1351,
-1.1401

■ 182.4140, 15.5719,

-1.2401

■ 209.8270, 15.8613,
-0.7253

■ 12.6160, 12.5143,
-0.5402

■ 12.6160, 12.5143,
-0.5402

■ 9.3710, 14.1141,
-0.3254

■ 15.8610, 10.9145,
-0.7551

■ 5.8270, 15.8613,
-0.7253

■ 19.4050, 9.1673,
-0.3552

■ 22.0630, 7.8569,
-0.0553

■ 25.3080, 6.2572,
-0.2701

■ 28.5530, 4.6574,
-0.4850

■ 32.0970, 2.9102,
-0.0851

■ 35.3420, 1.3104,
-0.2999

■ 38.0000, 0.0000,
0.0000

■ 41.5440, -1.7472,
0.3999

Harmonies

Analogous

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



13.3650, 13.1311, -11.7211



12.6160, 12.5143, -0.5402



12.8630, 7.9555, 15.0291

Triad

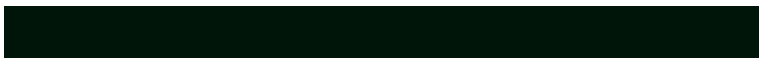
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.6160, 12.5143, -0.5402



12.2150, -6.0220, 18.2284



13.3530, -2.1460, -11.7106

Complementary

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



12.6160, 12.5143, -0.5402



33.3840, -12.5143, 0.5402

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.



12.3270, -6.0772, -10.8108



12.6160, 12.5143, -0.5402



12.4370, -6.1314, 6.6328

Square

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



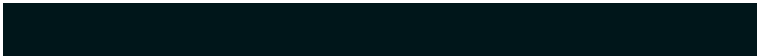
12.6160, 12.5143, -0.5402



11.6610, -5.7489, 23.9763



10.5660, -5.2090, -9.2664



15.8780, 4.9901, -13.9250

Rectangle

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



12.6160, 12.5143, -0.5402



13.1580, 3.8661, 20.0324



10.5660, -5.2090, -9.2664



12.4410, -5.6404, -10.9108

Sweetspot

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



12.6160, 12.5143, -0.5402



38.5530, 4.6574, -0.4850



26.6820, 5.5798, -16.3841



19.2110, 3.3470, -0.1850



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



12.6160, 12.5143, -0.5402



9.3370, 19.0609, -0.2955



17.1010, 10.3032, 8.6814



16.2280, 0.8736, -0.2000



12.6370, 34.1960, -1.4356



32.1980, 87.1634, -3.6816

Inverse Universe

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



19.9340, 6.9345, 15.8439



20.3140, 10.6912, 24.2806



28.8990, -10.3032, -8.6814



16.8260, 0.5788, 1.0296



32.6120, 18.9253, 43.3133



83.1250, 48.2524, 110.3924

Previews

White Background



This preview shows how the YUV color 12.6160, 12.5143, -0.5402 looks on a white background.

Color Contrast Check

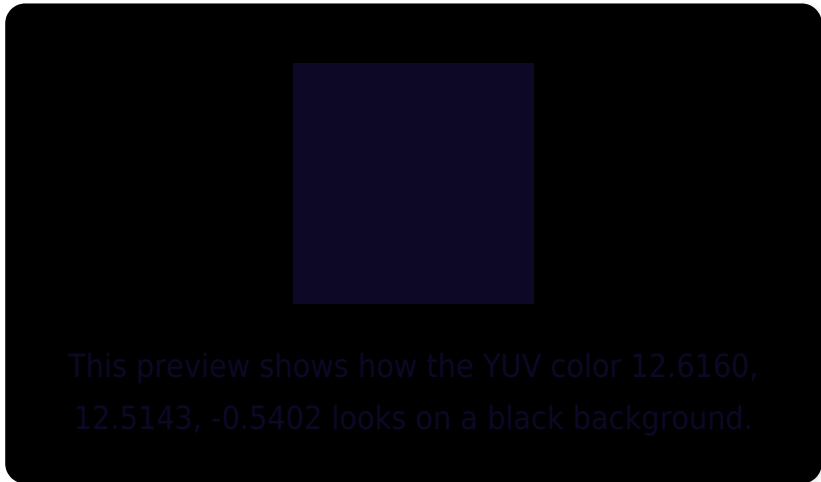
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

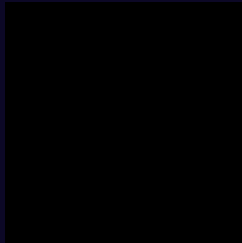
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 12.6160, 12.5143, -0.5402

Background



This preview shows how black text looks on a background with the YUV color 12.6160, 12.5143, -0.5402.



This preview shows how white text looks on a background with the YUV color 12.6160, 12.5143,

-0.5402.

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

12.6160, 12.5143, -0.5402

Deuteranopia

11.5410, 6.1423, -10.1215

Tritanopia

11.3300, 2.7953, -9.9364

Trichromacy



Original Color

12.6160, 12.5143, -0.5402

Deuteranomaly

11.5460, 8.6048, -6.6178

Tritanomaly

11.6770, 6.5682, -6.7327

Monochromacy



Original Color

12.6160, 12.5143, -0.5402

Achromatopsia

13.0000, 0.0000, 0.0000

Achromatomaly

12.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 12.6160, 12.5143, -0.5402 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(12, 8, 38)` looks like.

```
.text, #text, p{  
    color:rgb(12, 8, 38)  
}
```

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(12, 8, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 8, 38) }
```

Border

The CSS property to change the border of an element to YUV 12.6160, 12.5143, -0.5402 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(12, 8, 38) }
```

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

```
.border{ border-color:rgb(12, 8, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 8, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 8, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(12, 8, 38); box-shadow:4px  
4px 4px 4px rgb(12, 8, 38) }
```


Background

The CSS property to change the background color of an element to YUV 12.6160, 12.5143, -0.5402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 8, 38) }
```

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

```
.background{ background-color: rgb(12, 8,  
38) }
```

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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