

Converting Colors

YUV(82.0250, -8.3933, -61.4119)

Have a look what the booklet for
YUV(82.0250, -8.3933, -61.4119)
contains.

YUV(82.0250, -8.3933, -61.4119)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(82.0250, -8.3933,
-61.4119)**

Conversions

Conversions Part 1

Format	Color
Hex	0C7941
RGB	12, 121, 65
RGB Percent	5%, 47%, 25%
CMY	0.9529, 0.5255, 0.7451
CMYK	0.90, 0.00, 0.46, 0.53
HSL	149°, 82%, 26%
HSV	149°, 90%, 47%
XYZ	7.9431, 14.1346, 7.3106
YIQ	82.0250, -46.9880, -40.5240

Conversions

Conversions Part 2

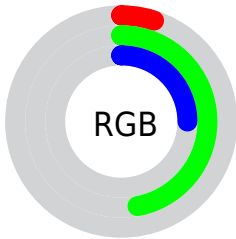
Format	Color
RYB	12, 85, 121
Decimal	817473
CIELab	44.43, -41.85, 22.89
CIELCh	44, 47.704, 151.321
Yxy	14.1346, 0.2703, 0.4810
Android (android.graphics.Color)	4279007553 (0xFF0C7941)
YUV	82.0250, -8.3933, -61.4119
Hunter-Lab	37.5960, -28.0801, 14.7881

Details

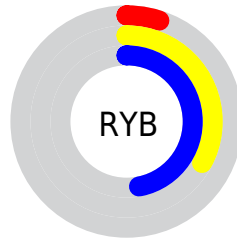
The YUV color **82.0250, -8.3933, -61.4119** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **50.9750, 8.3933, 61.4119**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.0540, -12.3516, -51.7904**, and **43.9570, -11.8108, -38.5503** is the 20% darker color. If you saturate the color by 10%, you get **77.7530, -9.2452, -68.1894**, and if you desaturate by 10%, it is **86.2970, -7.5414, -54.6345**.

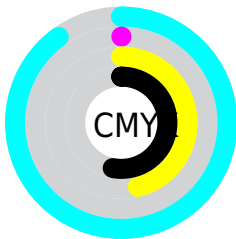
Distribution



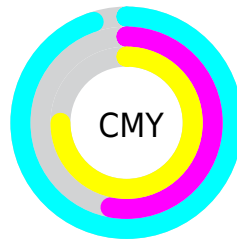
- Red (5%)
- Green (47%)
- Blue (25%)



- Red (5%)
- Yellow (33%)
- Blue (47%)



- Cyan (90%)
- Magenta (0%)
- Yellow (46%)
- Black (53%)



- Cyan (95%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0250, -8.3933, -61.4119 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 82.0250, -8.3933, -61.4119 by changing the saturation by 10% instead.

■ 82.0250, -8.3933,
-61.4119

■ 82.0250, -8.3933,
-61.4119

255.0000, 0.0000,
0.0000

■ 61.1400, -9.4360,
-53.6198

■ 139.0540,
-12.3516, -51.7904

■ 43.9570, -11.8108,
-38.5503

■ 166.7120,
-13.6620, -51.4904

■ 28.1760, -13.8908,
-24.7104

■ 195.1850,
-14.3882, -51.9052

■ 14.0880, -6.9454,
-12.3552

■ 220.7230,
-13.6674, -49.7461

■ 0.0000, 0.0000,
0.0000

■ 232.5860, -5.7119,
-34.7169

■ 244.5630, 2.6804,

-19.7878

253.8040, 0.5896,
-2.4591

82.0250, -8.3933,
-61.4119

82.0250, -8.3933,
-61.4119

77.7530, -9.2452,
-68.1894

86.2970, -7.5414,
-54.6345

90.5690, -6.6895,
-47.8570

94.9550, -5.4008,
-41.1795

99.2270, -4.5489,
-34.4021

103.4990, -3.6970,
-27.6246

■ 108.0700, -2.9925,
-20.2324

■ 112.4560, -1.7038,
-13.5549

■ 116.7280, -0.8519,
-6.7775

■ 121.0000, 0.0000,
0.0000

Harmonies

Analogous

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



96.1550, -32.1214, -10.6599



82.0250, -8.3933, -61.4119



84.8720, 10.4161, -74.4327

Triad

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



82.0250, -8.3933, -61.4119



85.0730, 49.2640, -74.6090



102.4010, -17.9457, 62.7923

Complementary

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



82.0250, -8.3933, -61.4119



50.9750, 8.3933, 61.4119

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.



103.6240, 0.6784, 62.5968



82.0250, -8.3933, -61.4119



106.8930, 32.5908, 0.0938

Square

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



82.0250, -8.3933, -61.4119



89.6890, 41.5653, -78.6573



107.0740, 18.2045, 41.1541



102.4640, -33.7528, 46.0741

Rectangle

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



82.0250, -8.3933, -61.4119



87.9500, 22.2096, -77.1321



107.0740, 18.2045, 41.1541



102.1330, -11.4046, 64.7814

Sweetspot

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



82.0250, -8.3933, -61.4119



142.6350, -3.2711, -24.2359



92.7270, -39.7984, -21.6856



70.0430, -1.9932, -14.0697



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



82.0250, -8.3933, -61.4119



101.5240, -12.0903, -89.0365



88.1810, 15.1938, -66.8107



58.8640, -0.4260, -3.3887



80.3290, -9.5292, -70.4485



161.9460, -19.2004, -142.0266

Inverse Universe

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



50.9750, 8.3933, 61.4119



56.4760, 12.0903, 89.0365



44.8190, -15.1938, 66.8107



57.1360, 0.4260, 3.3887



44.6710, 9.5292, 70.4485



90.1680, 19.6372, 141.9267

Previews

White Background



This preview shows how the YUV color 82.0250, -8.3933, -61.4119 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 82.0250, -8.3933, -61.4119 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 82.0250, -8.3933, -61.4119

Background



This preview shows how black text looks on a background with the YUV color 82.0250, -8.3933, -61.4119.



This preview shows how white text looks on a background with the YUV color 82.0250, -8.3933,

-61.4119.

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

82.0250, -8.3933, -61.4119

Protanopia

102.7460, -21.5668, 10.7468

Deuteranopia

104.0550, -16.7891, 18.3688



Tritanopia

95.1070, 14.2442, -42.1898

Trichromacy



Original Color

82.0250, -8.3933, -61.4119

Protanomaly

95.4330, -16.9755, -15.2887

Deuteranomaly

96.2640, -13.9342, -10.7555

Tritanomaly

90.5870, 6.1196, -49.6268

Monochromacy



Original Color

82.0250, -8.3933, -61.4119

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0590, -2.9871, -21.9767

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0250, -8.3933, -61.4119 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, 121, 65)` looks like.

```
.text, #text, p{  
    color:rgb(12, 121, 65)  
}
```

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, 121, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 121, 65) }
```

Border

The CSS property to change the border of an element to YUV 82.0250, -8.3933, -61.4119 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, 121, 65) }
```


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

```
.border{ border-color:rgb(12, 121, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 121, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 121, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 121, 65);  
box-shadow:4px 4px 4px 4px rgb(12, 121,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 82.0250, -8.3933, -61.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 121, 65) }
```

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

```
.background{ background-color: rgb(12, 121,  
65) }
```

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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