

Converting Colors

YUV(81.6250, -15.0981,
-57.5531)

Have a look what the booklet for
YUV(81.6250, -15.0981, -57.5531)
contains.

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Color

**YUV(81.6250, -15.0981,
-57.5531)**

Conversions

Conversions Part 1

Format	Color
Hex	107933
RGB	16, 121, 51
RGB Percent	6%, 47%, 20%
CMY	0.9373, 0.5255, 0.8000
CMYK	0.87, 0.00, 0.58, 0.53
HSL	140°, 77%, 27%
HSV	140°, 87%, 47%
XYZ	7.6486, 14.0239, 5.4357
YIQ	81.6250, -40.1100, -44.0300

Conversions

Conversions Part 2

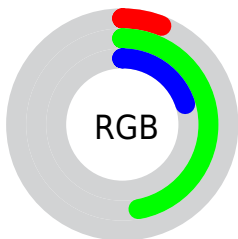
Format	Color
RYB	16, 95, 121
Decimal	1079603
CIELab	44.27, -43.91, 30.27
CIELCh	44, 53.327, 145.420
Yxy	14.0239, 0.2822, 0.5173
Android (android.graphics.Color)	4279269683 (0xFF107933)
YUV	81.6250, -15.0981, -57.5531
Hunter-Lab	37.4485, -29.0775, 17.6079

Details

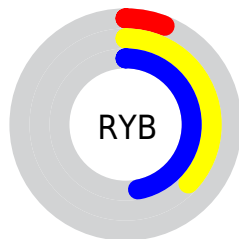
The YUV color **81.6250, -15.0981, -57.5531** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **55.3750, 15.0981, 57.5531**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9420, -19.1984, -49.0611**, and **42.0190, -19.2364, -36.8507** is the 20% darker color. If you saturate the color by 10%, you get **77.1250, -16.8236, -64.1306**, and if you desaturate by 10%, it is **86.1250, -13.3726, -50.9756**.

Distribution



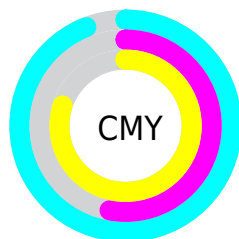
- Red (6%)
- Green (47%)
- Blue (20%)



- Red (6%)
- Yellow (37%)
- Blue (47%)



- Cyan (87%)
- Magenta (0%)
- Yellow (58%)
- Black (53%)



- Cyan (94%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.6250, -15.0981, -57.5531 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 81.6250, -15.0981, -57.5531 by changing the saturation by 10% instead.

■ 81.6250, -15.0981,
-57.5531

■ 81.6250, -15.0981,
-57.5531

255.0000, 0.0000,
0.0000

■ 58.9570, -15.2618,
-51.7053

■ 137.9420,
-19.1984, -49.0611

■ 42.0190, -19.2364,
-36.8507

■ 165.7140,
-20.0720, -48.8612

■ 28.1760, -13.8908,
-24.7104

■ 194.0730,
-21.2350, -49.1760

■ 14.0880, -6.9454,
-12.3552

■ 219.6110,
-20.5142, -47.0168

■ 0.0000, 0.0000,
0.0000

■ 231.1750,
-12.4113, -32.6025

■ 243.3370, -4.6031,

-16.9585

254.4020, 0.2948,
-1.2296

■ 81.6250, -15.0981,
-57.5531

■ 81.6250, -15.0981,
-57.5531

■ 77.1250, -16.8236,
-64.1306

■ 86.1250, -13.3726,
-50.9756

■ 75.5870, -17.5444,
-66.2898

■ 90.6250, -11.6471,
-44.3981

■ 95.1250, -9.9216,
-37.8206

■ 99.6250, -8.1961,
-31.2431

■ 104.1250, -6.4706,
-24.6656

■ 108.9240, -4.8925,
-17.4733

■ 113.4240, -3.1670,
-10.8958

■ 118.0380, -1.0047,
-4.4183

■ 122.5380, 0.7208,
2.1592

Harmonies

Analogous

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



93.6260, -43.1996, -4.0570



81.6250, -15.0981, -57.5531



84.3190, 5.7587, -73.9478

Triad

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



81.6250, -15.0981, -57.5531



87.7460, 51.8902, -76.9532



99.8520, -15.2100, 72.0438

Complementary

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



81.6250, -15.0981, -57.5531



55.3750, 15.0981, 57.5531

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.



101.3350, 5.7508, 68.9892



81.6250, -15.0981, -57.5531



104.3520, 39.7595, -12.5867

Square

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



81.6250, -15.0981, -57.5531



91.2050, 42.2969, -79.9868



106.9580, 24.1777, 38.6248



100.5900, -34.8009, 55.6106

Rectangle

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



81.6250, -15.0981, -57.5531



87.8530, 19.2995, -77.0471



106.9580, 24.1777, 38.6248



99.8120, -7.7953, 73.8329

Sweetspot

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



81.6250, -15.0981, -57.5531



142.6630, -5.7499, -22.5065



98.5650, -40.7045, -11.0195



70.0000, -3.4510, -13.1550



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.



81.6250, -15.0981, -57.5531



98.7880, -22.5735, -86.6371



87.5530, 7.6154, -62.7520



58.7500, -0.8627, -3.2887



78.1630, -17.8284, -68.5490



157.5000, -36.2355, -138.1275

Inverse Universe

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



55.3750, 15.0981, 57.5531



59.2120, 22.5735, 86.6371



49.4470, -7.6154, 62.7520



57.2500, 0.8628, 3.2887



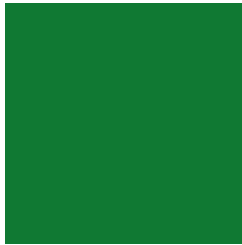
46.8370, 17.8284, 68.5490



94.5000, 36.2355, 138.1275

Previews

White Background



This preview shows how the YUV color 81.6250, -15.0981, -57.5531 looks on a white background.

Color Contrast Check

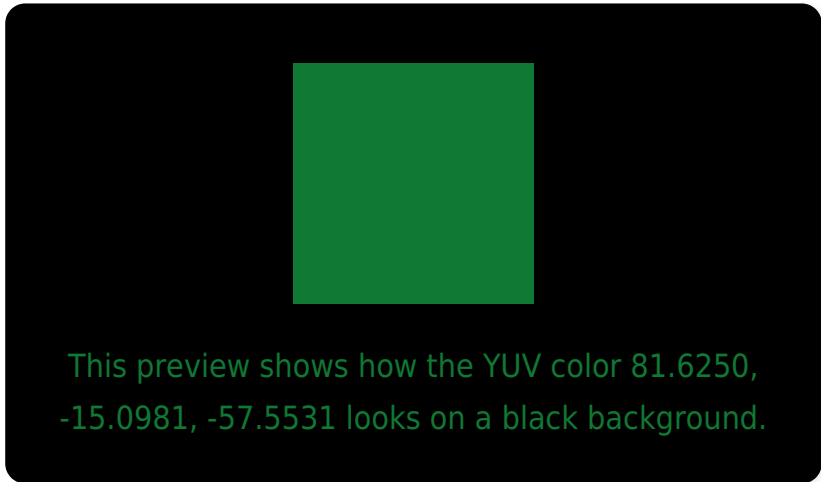
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 81.6250, -15.0981, -57.5531

Background



This preview shows how black text looks on a background with the YUV color 81.6250, -15.0981, -57.5531.



This preview shows how white text looks on a background with the YUV color 81.6250, -15.0981,

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

81.6250, -15.0981, -57.5531

Protanopia

100.9760, -27.1032, 13.1760

Deuteranopia

102.5840, -22.4729, 21.4128



Tritanopia

95.8900, 13.3652, -40.2455

Trichromacy



Original Color

81.6250, -15.0981, -57.5531



Protanomaly

93.9620, -22.6593, -12.2447



Deuteranomaly

95.0920, -19.7654, -7.0967



Tritanomaly

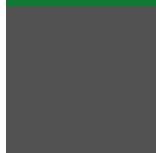
91.0990, 2.9092, -46.5678

Monochromacy



Original Color

81.6250, -15.0981, -57.5531



Achromatopsia

82.0000, 0.0000, 0.0000



Achromatomaly

81.7880, -5.3185, -20.8621

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.6250, -15.0981, -57.5531 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(16, 121, 51)` looks like.

```
.text, #text, p{  
    color:rgb(16, 121, 51)  
}
```

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(16, 121, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 121, 51) }
```

Border

The CSS property to change the border of an element to YUV 81.6250, -15.0981, -57.5531 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(16, 121, 51) }
```


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

```
.border{ border-color:rgb(16, 121, 51) }
```

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

Here you see how a box with a 4 pixel rgb(16, 121, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 121, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 121, 51);  
box-shadow:4px 4px 4px 4px rgb(16, 121,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 81.6250, -15.0981, -57.5531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 121, 51) }
```

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

```
.background{ background-color: rgb(16, 121,  
51) }
```

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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