

Converting Colors

YUV(63.6490, -18.0680,
-38.2802)

Have a look what the booklet for
YUV(63.6490, -18.0680, -38.2802)
contains.

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Color

**YUV(63.6490, -18.0680,
-38.2802)**

Conversions

Conversions Part 1

Format	Color
Hex	145D1B
RGB	20, 93, 27
RGB Percent	8%, 36%, 11%
CMY	0.9216, 0.6353, 0.8941
CMYK	0.78, 0.00, 0.71, 0.64
HSL	126°, 65%, 22%
HSV	126°, 78%, 36%
XYZ	4.4007, 8.0566, 2.3600
YIQ	63.6490, -22.3220, -36.0020

Conversions

Conversions Part 2

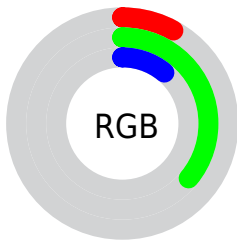
Format	Color
RYB	20, 87, 93
Decimal	1334555
CIELab	34.10, -36.41, 30.62
CIELCh	34, 47.571, 139.939
Yxy	8.0566, 0.2970, 0.5437
Android (android.graphics.Color)	4279524635 (0xFF145D1B)
YUV	63.6490, -18.0680, -38.2802
Hunter-Lab	28.3841, -21.9975, 14.9391

Details

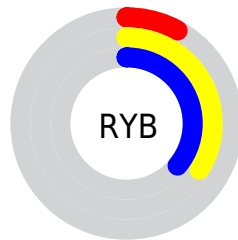
The YUV color **63.6490, -18.0680, -38.2802** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **49.3510, 18.0680, 38.2802**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9870, -20.6996, -34.1916**, and **27.0020, -13.3120, -23.6808** is the 20% darker color. If you saturate the color by 10%, you get **60.0460, -20.2357, -43.0133**, and if you desaturate by 10%, it is **67.2520, -15.9002, -33.5470**.

Distribution



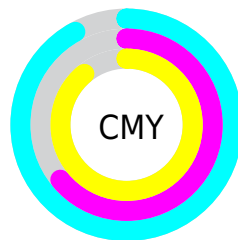
- Red (8%)
- Green (36%)
- Blue (11%)



- Red (8%)
- Yellow (34%)
- Blue (36%)



- Cyan (78%)
- Magenta (0%)
- Yellow (71%)
- Black (64%)



- Cyan (92%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.6490, -18.0680, -38.2802 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 63.6490, -18.0680, -38.2802 by changing the saturation by 10% instead.

■ 63.6490, -18.0680,
-38.2802

■ 63.6490, -18.0680,
-38.2802

255.0000, 0.0000,
0.0000

■ 40.7310, -19.0944,
-35.7211

■ 115.9870,
-20.6996, -34.1916

■ 27.0020, -13.3120,
-23.6808

■ 142.4600,
-21.4258, -34.6064

■ 13.5010, -6.6560,
-11.8404

■ 169.8190,
-22.5888, -34.9213

■ 0.0000, 0.0000,
0.0000

■ 197.2920,
-23.3150, -35.3361

■ 225.1780,
-23.7518, -35.2361

■ 236.7420,

-15.6488, -20.8217

■ 248.6050, -7.6933,
-5.7926

■ 63.6490, -18.0680,
-38.2802

■ 63.6490, -18.0680,
-38.2802

■ 60.0460, -20.2357,
-43.0133

■ 67.2520, -15.9002,
-33.5470

■ 56.0300, -22.6928,
-48.2613

■ 71.2680, -13.4431,
-28.2990

■ 55.6170, -22.9822,
-48.7761

■ 74.8710, -11.2754,
-23.5659

■ 78.5880, -8.6709,
-18.9327

■ 82.4900, -6.6506,
-13.5847

■ 86.0930, -4.4828,
-8.8516

■ 89.8100, -1.8783,
-4.2184

■ 93.4130, 0.2894,
0.5148

■ 97.4290, 2.7465,
5.7628

Harmonies

Analogous

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



72.6080, -35.7957, 1.2208



63.6490, -18.0680, -38.2802



63.8760, 1.0471, -56.0193

Triad

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



63.6490, -18.0680, -38.2802



69.3260, 42.2373, -60.7989



74.2190, -8.4890, 62.9519

Complementary

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



63.6490, -18.0680, -38.2802



49.3510, 18.0680, 38.2802

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.



77.0560, 8.8464, 56.0789



63.6490, -18.0680, -38.2802



76.8900, 37.0292, -23.5825

Square

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



63.6490, -18.0680, -38.2802



71.4970, 32.7860, -62.7029



82.2400, 23.0527, 26.0995



76.0330, -26.6383, 50.8371

Rectangle

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



63.6490, -18.0680, -38.2802



67.4270, 12.1145, -59.1335



82.2400, 23.0527, 26.0995



74.7120, -2.8160, 63.3966

Sweetspot

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



63.6490, -18.0680, -38.2802



108.3650, -7.0819, -15.2291



82.8840, -31.0018, 3.6097



53.7940, -4.3354, -9.4663



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



63.6490, -18.0680, -38.2802



74.5850, -27.8964, -59.2720



67.7530, -2.3432, -41.8794



44.0490, -1.0102, -2.6740



65.8240, -27.0282, -57.7276



141.7410, -58.5393, -124.3069

Inverse Universe

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



49.3510, 18.0680, 38.2802



52.4150, 27.8964, 59.2720



45.2470, 2.3432, 41.8794



42.9510, 1.0102, 2.6740



44.1760, 27.0282, 57.7276



95.2590, 58.5393, 124.3069

Previews

White Background



This preview shows how the YUV color 63.6490, -18.0680, -38.2802 looks on a white background.

Color Contrast Check

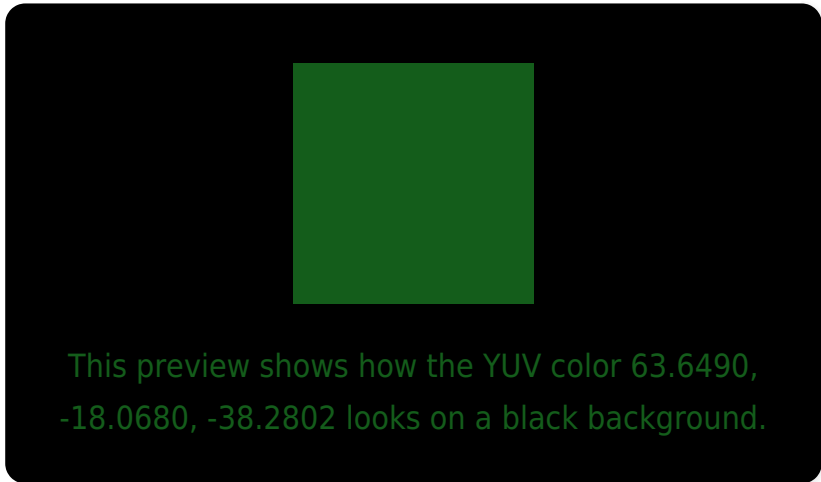
Large Text (above 18pt) WCAG AA ✓ Pass

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

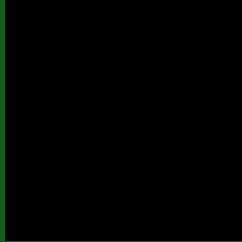
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.6490, -18.0680, -38.2802

Background



This preview shows how black text looks on a background with the YUV color 63.6490, -18.0680, -38.2802.



This preview shows how white text looks on a background with the YUV color 63.6490, -18.0680,

-38.2802.

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

63.6490, -18.0680, -38.2802

Protanopia

76.6060, -25.9348, 11.7465

Deuteranopia

77.9750, -22.1727, 18.4389



Tritanopia

74.3430, 9.6909, -28.3648

Trichromacy



Original Color

63.6490, -18.0680, -38.2802

Protanomaly

72.1800, -23.2597, -6.2969

Deuteranomaly

72.5980, -20.5078, -2.2784

Tritanomaly

70.3890, -0.1918, -31.9132

Monochromacy



Original Color

63.6490, -18.0680, -38.2802

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1910, -6.5032, -14.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.6490, -18.0680, -38.2802 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(20, 93, 27)` looks like.

```
.text, #text, p{  
    color:rgb(20, 93, 27)  
}
```

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(20, 93, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 93, 27) }
```

Border

The CSS property to change the border of an element to YUV 63.6490, -18.0680, -38.2802 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(20, 93, 27) }
```


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

```
.border{ border-color:rgb(20, 93, 27) }
```

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

Here you see how a box with a 4 pixel rgb(20, 93, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 93, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 93, 27);  
box-shadow:4px 4px 4px 4px rgb(20, 93, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.6490, -18.0680, -38.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 93, 27) }
```

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

```
.background{ background-color: rgb(20, 93,  
27) }
```

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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