

Converting Colors

YUV(93.1790, -11.9202,
-50.1460)

Have a look what the booklet for
YUV(93.1790, -11.9202, -50.1460)
contains.

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Color

**YUV(93.1790, -11.9202,
-50.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	247F45
RGB	36, 127, 69
RGB Percent	14%, 50%, 27%
CMY	0.8588, 0.5020, 0.7294
CMYK	0.72, 0.00, 0.46, 0.50
HSL	142°, 56%, 32%
HSV	142°, 72%, 50%
XYZ	9.3911, 15.9835, 8.2204
YIQ	93.1790, -35.6180, -37.3300

Conversions

Conversions Part 2

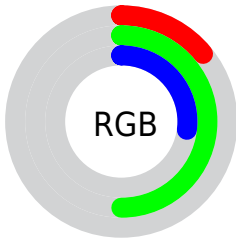
Format	Color
R_{YB}	36, 103, 127
Decimal	2391877
CIE _{Lab}	46.95, -40.20, 24.01
CIE _{LCh}	47, 46.822, 149.150
Yxy	15.9835, 0.2795, 0.4758
Android (android.graphics.Color)	4280581957 (0xFF247F45)
YUV	93.1790, -11.9202, -50.1460
Hunter-Lab	39.9793, -28.0344, 15.7946

Details

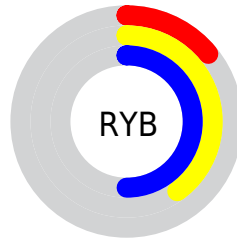
The YUV color **93.1790, -11.9202, -50.1460** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **69.8210, 11.9202, 50.1460**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8050, -14.6939, -47.1870**, and **47.9350, -11.8000, -42.0390** is the 20% darker color. If you saturate the color by 10%, you get **88.3800, -13.4983, -57.3383**, and if you desaturate by 10%, it is **97.9780, -10.3422, -42.9537**.

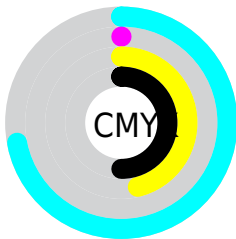
Distribution



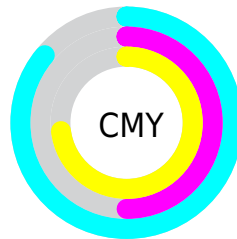
- Red (14%)
- Green (50%)
- Blue (27%)



- Red (14%)
- Yellow (40%)
- Blue (50%)



- Cyan (72%)
- Magenta (0%)
- Yellow (46%)
- Black (50%)



- Cyan (86%)
- Magenta (50%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.1790, -11.9202, -50.1460 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 93.1790, -11.9202, -50.1460 by changing the saturation by 10% instead.

■ 93.1790, -11.9202,
-50.1460

■ 93.1790, -11.9202,
-50.1460

■ 255.0000, 0.0000,
0.0000

■ 64.5310, -9.1358,
-56.5937

■ 147.8050,
-14.6939, -47.1870

■ 47.9350, -11.8000,
-42.0390

■ 175.2780,
-15.4201, -47.6018

■ 31.1110, -15.3377,
-27.2843

■ 203.1640,
-15.8569, -47.5018

■ 18.7840, -9.2605,
-16.4736

■ 225.1800,
-13.3997, -42.2539

■ 0.0000, 0.0000,
0.0000

■ 236.7440, -5.2968,
-27.8395

■ 249.0200, 2.9481,

-12.2955

■ 93.1790, -11.9202,
-50.1460

■ 93.1790, -11.9202,
-50.1460

■ 88.3800, -13.4983,
-57.3383

■ 97.9780, -10.3422,
-42.9537

■ 83.8800, -15.2238,
-63.9158

■ 102.4780, -8.6167,
-36.3762

■ 79.7930, -16.6599,
-69.9785

■ 107.2770, -7.0386,
-29.1839

■ 112.0760, -5.4605,
-21.9917

■ 116.8750, -3.8824,
-14.7994

■ 121.4890, -1.7201,
-8.3219

■ 126.2880, -0.1420,
-1.1296

■ 131.0870, 1.4361,
6.0627

■ 135.5870, 3.1616,
12.6402

Harmonies

Analogous

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



102.7640, -32.4217, -7.6860



93.1790, -11.9202, -50.1460



88.7360, 9.9902, -77.8215

Triad

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



93.1790, -11.9202, -50.1460



89.7520, 49.4223, -78.7125



109.0420, -16.7827, 63.1072

Complementary

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



93.1790, -11.9202, -50.1460



69.8210, 11.9202, 50.1460

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.



111.1400, 1.4100, 61.2672



93.1790, -11.9202, -50.1460



112.6970, 33.1804, -2.3653

Square

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



93.1790, -11.9202, -50.1460



94.2540, 41.2868, -82.6608



114.4650, 18.5048, 38.1802



108.8170, -32.4478, 47.5185

Rectangle

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



93.1790, -11.9202, -50.1460



91.8140, 21.7837, -80.5209



114.4650, 18.5048, 38.1802



109.3610, -10.5310, 64.5814

Sweetspot

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



93.1790, -11.9202, -50.1460



153.0270, -4.4503, -19.3177



107.0580, -35.0316, -10.5749



76.2390, -2.5828, -11.6106



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



93.1790, -11.9202, -50.1460



112.8690, -18.6694, -78.8151



98.1950, 7.2989, -54.5450



61.4510, -0.7153, -3.9035



80.3800, -16.9493, -70.4933



0.0000, 0.0000, 0.0000

Inverse Universe

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



69.8210, 11.9202, 50.1460



76.1310, 18.6694, 78.8151



64.8050, -7.2989, 54.5450



59.5490, 0.7153, 3.9035



47.5060, 16.5125, 70.5932



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 93.1790, -11.9202, -50.1460 looks on a white background.

Color Contrast Check

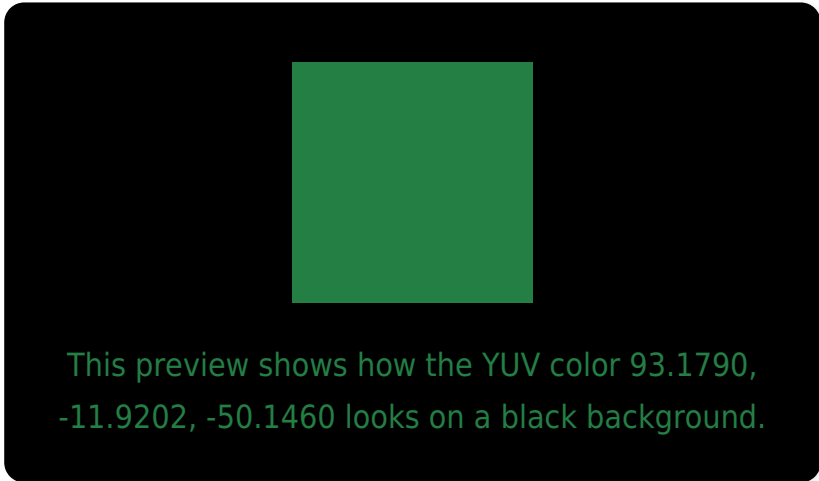
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.1790, -11.9202, -50.1460

Background



This preview shows how black text looks on a background with the YUV color 93.1790, -11.9202, -50.1460.



This preview shows how white text looks on a background with the YUV color 93.1790, -11.9202, -50.1460.

-50.1460.

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

93.1790, -11.9202, -50.1460

Protanopia

108.5180, -22.4404, 10.9467

Deuteranopia

110.4250, -17.9575, 19.7983



Tritanopia

102.6020, 13.5072, -39.1160

Trichromacy



Original Color

93.1790, -11.9202, -50.1460

Protanomaly

102.9990, -18.7335, -11.4001

Deuteranomaly

104.4280, -15.9870, -5.6374

Tritanomaly

99.4630, 4.2087, -43.3791

Monochromacy



Original Color

93.1790, -11.9202, -50.1460

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7390, -4.3083, -18.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1790, -11.9202, -50.1460 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(36, 127, 69)` looks like.

```
.text, #text, p{  
    color:rgb(36, 127, 69)  
}
```

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(36, 127, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 127, 69) }
```

Border

The CSS property to change the border of an element to YUV 93.1790, -11.9202, -50.1460 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(36, 127, 69) }
```


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

```
.border{ border-color:rgb(36, 127, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 127, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 127, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 127, 69);  
box-shadow:4px 4px 4px 4px rgb(36, 127,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 93.1790, -11.9202, -50.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 127, 69) }
```

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

```
.background{ background-color: rgb(36, 127,  
69) }
```

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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