

Converting Colors

YUV(48.7290, -18.6004,
86.1837)

Have a look what the booklet for
YUV(48.7290, -18.6004, 86.1837)
contains.

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Color

**YUV(48.7290, -18.6004,
86.1837)**

Conversions

Conversions Part 1

Format	Color
Hex	93060B
RGB	147, 6, 11
RGB Percent	58%, 2%, 4%
CMY	0.4235, 0.9765, 0.9569
CMYK	0.00, 0.96, 0.93, 0.42
HSL	358°, 92%, 30%
HSV	358°, 96%, 58%
XYZ	12.1582, 6.3575, 0.9029
YIQ	48.7290, 82.4310, 31.4470

Conversions

Conversions Part 2

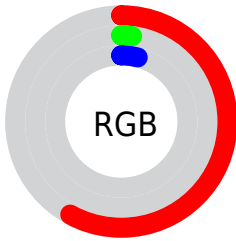
Format	Color
RYB	147, 6, 11
Decimal	9635339
CIELab	30.30, 52.37, 39.32
CIElCh	30, 65.492, 36.898
Yxy	6.3575, 0.6261, 0.3274
Android (android.graphics.Color)	4287825419 (0xFF93060B)
YUV	48.7290, -18.6004, 86.1837
Hunter-Lab	25.2140, 41.9479, 15.5266

Details

The YUV color **48.7290, -18.6004, 86.1837** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **104.2710, 18.6004, -86.1837**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.3130, -27.7623, 84.7945**, and **26.0130, -12.8244, 53.4856** is the 20% darker color. If you saturate the color by 10%, you get **44.5230, -19.4848, 89.8723**, and if you desaturate by 10%, it is **59.1300, -16.8261, 77.0620**.

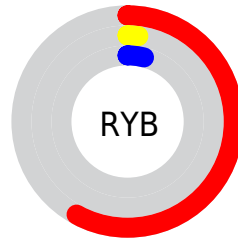
Distribution



Red (58%)

Green (2%)

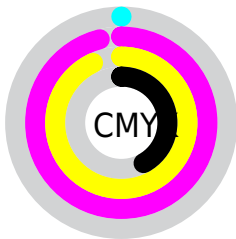
Blue (4%)



Red (58%)

Yellow (2%)

Blue (4%)

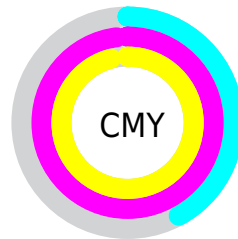


Cyan (0%)

Magenta (96%)

Yellow (93%)

Black (42%)



Cyan (42%)

Magenta (98%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.7290, -18.6004, 86.1837 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 48.7290, -18.6004, 86.1837 by changing the saturation by 10% instead.

■ 48.7290, -18.6004,
86.1837

■ 48.7290, -18.6004,
86.1837

■ 253.0620, -7.4256,
1.6996

■ 34.9830, -17.2466,
71.9289

■ 112.3130,
-27.7623, 84.7945

■ 26.0130, -12.8244,
53.4856

■ 140.0530,
-30.0991, 87.6535

■ 18.1680, -7.9708,
36.6867

■ 163.2370,
-29.2038, 80.4762

■ 6.8770, -3.3904,
14.1399


■ 182.5230,
-26.3868, 63.5623


■ 0.0000, 0.0000,
0.0000


■ 201.9230,
-23.1330, 46.5485


■ 222.0240,


-19.7318, 28.9200


 242.2390,
-15.8938, 11.1914


 48.7290, -18.6004,
86.1837


 48.7290, -18.6004,
86.1837


 44.5230, -19.4848,
89.8723

 59.1300, -16.8261,
77.0620

 68.9440, -14.7624,
68.4551

 79.4590, -12.5513,
59.2335

 89.8600, -10.7770,
50.1118

 100.2610, -9.0027,
40.9901

■ 110.0750, -6.9390,
32.3832

■ 120.4760, -5.1647,
23.2615

■ 130.8770, -3.3904,
14.1399

■ 140.8050, -0.8899,
5.4330

Harmonies

Analogous

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



53.7120, 4.0860, 89.7066



48.7290, -18.6004, 86.1837



66.6920, -32.8792, 45.8741

Triad

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



48.7290, -18.6004, 86.1837



55.3210, -13.9623, -48.5165



63.9750, 54.7353, -56.1061

Complementary

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



48.7290, -18.6004, 86.1837



104.2710, 18.6004, -86.1837

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.



70.1070, 47.7682, -61.4838



48.7290, -18.6004, 86.1837



62.7650, 9.4829, -55.0449

Square

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



48.7290, -18.6004, 86.1837



52.8960, -26.0777, -35.8658



68.4650, 31.3228, -60.0438



71.1250, 40.8574, 8.6604

Rectangle

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



48.7290, -18.6004, 86.1837



67.7230, -33.3874, 22.1679



68.4650, 31.3228, -60.0438



66.9100, 53.2884, -58.6801

Sweetspot

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



48.7290, -18.6004, 86.1837



152.6730, -7.2338, 33.6128



62.1400, 41.8360, 68.2832



73.2800, -4.5750, 20.8024



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



48.7290, -18.6004, 86.1837



57.9070, -25.0972, 116.7226



85.1400, -39.0160, 54.2512



69.0930, -1.0318, 4.3034



41.8320, -18.1582, 84.3393



2.9900, -1.4741, 6.1478

Inverse Universe

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



48.7290, -18.6004, 86.1837



57.9070, -25.0972, 116.7226



67.8600, 39.0160, -54.2512



69.0930, -1.0318, 4.3034



41.8320, -18.1582, 84.3393



2.9900, -1.4741, 6.1478

Previews

White Background



This preview shows how the YUV color 48.7290, -18.6004, 86.1837 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 48.7290, -18.6004, 86.1837

Background



This preview shows how black text looks on a background with the YUV color 48.7290, -18.6004, 86.1837.



This preview shows how white text looks on a background with the YUV color 48.7290, -18.6004,

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

48.7290, -18.6004, 86.1837

Protanopia

70.9910, -23.1666, 10.5319

Deuteranopia

69.7830, -34.4030, 21.2383



Tritanopia

51.2850, -25.2835, 83.0651

Trichromacy



Original Color

48.7290, -18.6004, 86.1837

Protanomaly

62.6230, -21.5061, 38.0416

Deuteranomaly

61.8320, -28.5112, 44.8743

Tritanomaly

49.9800, -22.6681, 84.2095

Monochromacy



Original Color

48.7290, -18.6004, 86.1837

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.7760, -6.7916, 31.7684

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.7290, -18.6004, 86.1837 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(147, 6, 11)` looks like.

```
.text, #text, p{  
    color:rgb(147, 6, 11)  
}
```

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(147, 6, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 6, 11) }
```

Border

The CSS property to change the border of an element to YUV 48.7290, -18.6004, 86.1837 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(147, 6, 11) }
```


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

```
.border{ border-color:rgb(147, 6, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 6, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 6, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 6, 11);  
box-shadow:4px 4px 4px 4px rgb(147, 6, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.7290, -18.6004, 86.1837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 6, 11) }
```

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

```
.background{ background-color: rgb(147, 6,  
11) }
```

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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