

Converting Colors

YUV(46.9290, -18.6990,
71.0993)

Have a look what the booklet for
YUV(46.9290, -18.6990, 71.0993)
contains.

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Color

**YUV(46.9290, -18.6990,
71.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	800D09
RGB	128, 13, 9
RGB Percent	50%, 5%, 4%
CMY	0.4980, 0.9490, 0.9647
CMYK	0.00, 0.90, 0.93, 0.50
HSL	2°, 87%, 27%
HSV	2°, 93%, 50%
XYZ	9.0953, 4.8968, 0.7242
YIQ	46.9290, 69.8240, 23.1360

Conversions

Conversions Part 2

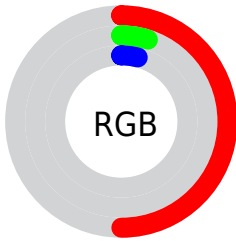
Format	Color
RYB	128, 13, 9
Decimal	8391945
CIELab	26.44, 45.77, 35.22
CIElCh	26, 57.758, 37.580
Yxy	4.8968, 0.6180, 0.3327
Android (android.graphics.Color)	4286582025 (0xFF800D09)
YUV	46.9290, -18.6990, 71.0993
Hunter-Lab	22.1286, 34.6420, 13.5496

Details

The YUV color **46.9290, -18.6990, 71.0993** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **90.0710, 18.6990, -71.0993**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.5180, -25.3984, 73.2137**, and **20.6310, -10.1711, 42.4196** is the 20% darker color. If you saturate the color by 10%, you get **40.6200, -20.0257, 76.6323**, and if you desaturate by 10%, it is **55.4550, -16.4933, 63.6220**.

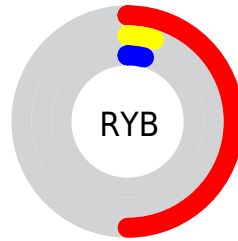
Distribution



Red (50%)

Green (5%)

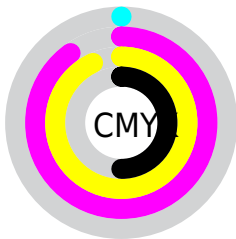
Blue (4%)



Red (50%)

Yellow (5%)

Blue (4%)

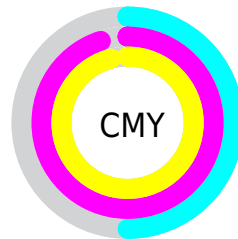


Cyan (0%)

Magenta (90%)

Yellow (93%)

Black (50%)



Cyan (50%)


Magenta (95%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 46.9290, -18.6990, 71.0993 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 46.9290, -18.6990, 71.0993 by changing the saturation by 10% instead.


 46.9290, -18.6990,
71.0993


 46.9290, -18.6990,
71.0993


 252.7200, -8.7360,
1.9996


 29.6010, -14.5933,
60.8629

 104.5180,
-25.3984, 73.2137


 20.6310, -10.1711,
42.4196


 131.7850,
-27.0090, 76.4876

 12.9710, -5.9017,
26.3354

 159.6390,
-28.9090, 79.2466

 0.0000, 0.0000,
0.0000


 179.8330,
-26.5397, 65.9215


 199.2330,
-23.2859, 48.9077


 218.7470,

-19.5953, 31.7939


 238.9620,
-15.7573, 14.0653


 46.9290, -18.6990,
71.0993


 46.9290, -18.6990,
71.0993


 40.6200, -20.0257,
76.6323

 55.4550, -16.4933,
63.6220

 64.5680, -14.5770,
55.6299

 72.9800, -12.8081,
48.2525

 81.5060, -10.6025,
40.7752

 90.6190, -8.6862,
32.7831

■ 99.1450, -6.4805,
25.3058

■ 108.2580, -4.5642,
17.3137

■ 116.6700, -2.7953,
9.9364

■ 125.1960, -0.5896,
2.4591

Harmonies

Analogous

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



46.8200, 3.5397, 78.2109



46.9290, -18.6990, 71.0993



58.3860, -28.7843, 39.1265

Triad

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



46.9290, -18.6990, 71.0993



48.7500, -11.2157, -42.7537



55.4830, 47.5829, -48.6586

Complementary

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



46.9290, -18.6990, 71.0993



90.0710, 18.6990, -71.0993

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.



61.1420, 41.3420, -53.6215



46.9290, -18.6990, 71.0993



55.2820, 8.7350, -48.4823

Square

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



46.9290, -18.6990, 71.0993



47.3250, -23.3312, -30.1030



60.1840, 27.5173, -52.7814



62.9310, 35.0370, 8.8305

Rectangle

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



46.9290, -18.6990, 71.0993



59.4390, -29.3034, 18.9090



60.1840, 27.5173, -52.7814



58.4180, 46.1359, -51.2326

Sweetspot

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



46.9290, -18.6990, 71.0993



134.2270, -7.5069, 27.8649



57.6910, 32.6903, 61.6610



64.9590, -4.4168, 16.6990



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.



46.9290, -18.6990, 71.0993



53.1560, -26.2059, 98.9642



81.5620, -35.7731, 40.7261



59.6800, -1.3212, 3.7886



40.6200, -20.0257, 76.6323



0.0000, 0.0000, 0.0000

Inverse Universe

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



90.0710, 18.6990, -71.0993



112.8440, 26.2059, -98.9642



55.4380, 35.7731, -40.7261



61.9070, 1.0318, -4.3034



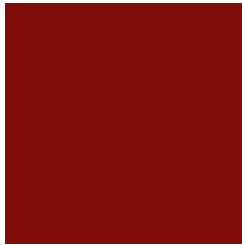
86.7930, 20.3151, -76.1175



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 46.9290, -18.6990, 71.0993 looks on a white background.

Color Contrast Check

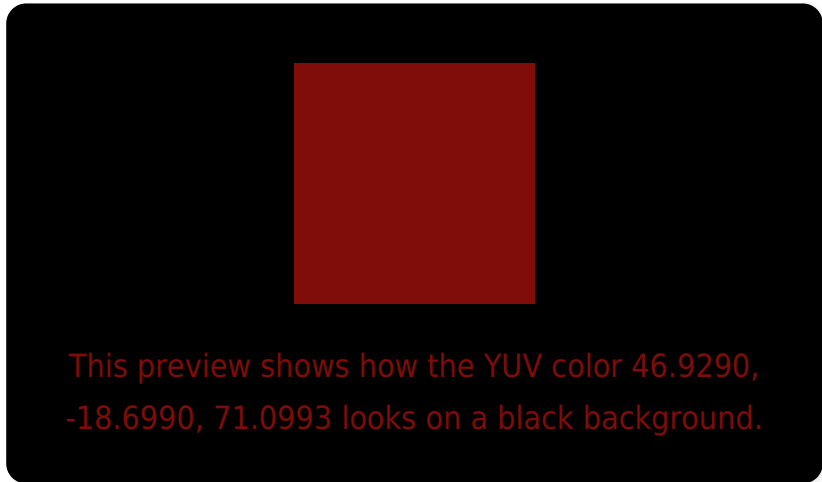
Large Text (above 18pt) WCAG AA ✓ Pass

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

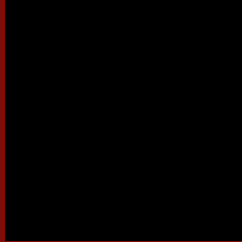
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.9290, -18.6990, 71.0993

Background



This preview shows how black text looks on a background with the YUV color 46.9290, -18.6990, 71.0993.



This preview shows how white text looks on a background with the YUV color 46.9290, -18.6990,

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

46.9290, -18.6990, 71.0993

Protanopia

62.2620, -20.8352, 9.4172

Deuteranopia

60.9120, -30.0296, 18.4942



Tritanopia

46.8150, -19.1358, 71.1992

Trichromacy



Original Color

46.9290, -18.6990, 71.0993

Protanomaly

56.6330, -20.0321, 31.8939

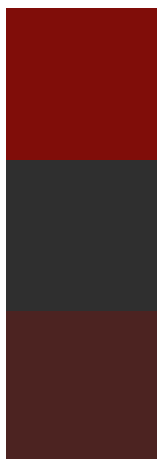
Deuteranomaly

55.7710, -26.0161, 37.9118

Tritanomaly

46.8150, -19.1358, 71.1992

Monochromacy



Original Color

46.9290, -18.6990, 71.0993

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0310, -6.9173, 25.4058

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9290, -18.6990, 71.0993 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(128, 13, 9)` looks like.

```
.text, #text, p{  
    color:rgb(128, 13, 9)  
}
```

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(128, 13, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 13, 9) }
```

Border

The CSS property to change the border of an element to YUV 46.9290, -18.6990, 71.0993 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(128, 13, 9) }
```


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

```
.border{ border-color:rgb(128, 13, 9) }
```

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

Here you see how a box with a 4 pixel rgb(128, 13, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 13, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 13, 9);  
box-shadow:4px 4px 4px 4px rgb(128, 13, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.9290, -18.6990, 71.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 13, 9) }
```

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

```
.background{ background-color: rgb(128, 13,  
9) }
```

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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