

Converting Colors

YUV(46.7790, -21.0900,
91.4018)

Have a look what the booklet for
YUV(46.7790, -21.0900, 91.4018)
contains.

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Color

**YUV(46.7790, -21.0900,
91.4018)**

Conversions

Conversions Part 1

Format	Color
Hex	970204
RGB	151, 2, 4
RGB Percent	59%, 1%, 2%
CMY	0.4078, 0.9922, 0.9843
CMYK	0.00, 0.99, 0.97, 0.41
HSL	359°, 97%, 30%
HSV	359°, 99%, 59%
XYZ	12.8061, 6.6315, 0.7199
YIQ	46.7790, 88.1620, 32.2100

Conversions

Conversions Part 2

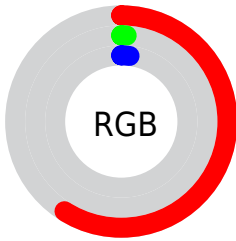
Format	Color
RYB	151, 2, 4
Decimal	9896452
CIELab	30.95, 53.95, 43.07
CIElCh	31, 69.030, 38.604
Yxy	6.6315, 0.6353, 0.3290
Android (android.graphics.Color)	4288086532 (0xFF970204)
YUV	46.7790, -21.0900, 91.4018
Hunter-Lab	25.7517, 43.7013, 16.3687

Details

The YUV color **46.7790, -21.0900, 91.4018** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **106.2210, 21.0900, -91.4018**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.5370, -30.8307, 88.9831**, and **26.9100, -13.2666, 55.3299** is the 20% darker color. If you saturate the color by 10%, you get **45.3770, -21.3849, 92.6314**, and if you desaturate by 10%, it is **57.2940, -18.8789, 82.1802**.

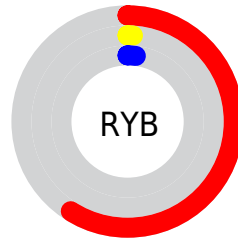
Distribution



Red (59%)

Green (1%)

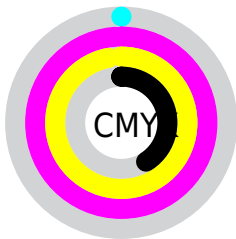
Blue (2%)



Red (59%)

Yellow (1%)

Blue (2%)

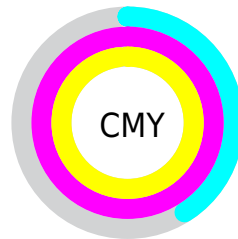


Cyan (0%)

Magenta (99%)

Yellow (97%)

Black (41%)



Cyan (41%)


Magenta (99%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 46.7790, -21.0900, 91.4018 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 46.7790, -21.0900, 91.4018 by changing the saturation by 10% instead.


 46.7790, -21.0900,
91.4018


 46.7790, -21.0900,
91.4018


 252.4920, -9.6096,
2.1995


 35.8800, -17.6888,
73.7732


 112.5370,
-30.8307, 88.9831


 26.9100, -13.2666,
55.3299

 140.9780,
-33.0202, 91.2273


 18.7660, -8.2656,
37.9162

 162.5530,
-31.8246, 81.0760

 8.4860, -3.6906,
17.1138

 181.9530,
-28.5708, 64.0622

 0.0000, 0.0000,
0.0000

 201.3530,
-25.3170, 47.0484

 221.4540,

-21.9158, 29.4198

■ 241.5550,
-18.5146, 11.7913

■ 46.7790, -21.0900,
91.4018

■ 46.7790, -21.0900,
91.4018

■ 45.3770, -21.3849,
92.6314

■ 57.2940, -18.8789,
82.1802

■ 67.8090, -16.6678,
72.9585

■ 78.3240, -14.4567,
63.7369

■ 88.8390, -12.2456,
54.5152

■ 99.2400, -10.4713,
45.3935

■ 110.3420, -8.5496,
35.6571

■ 120.8570, -6.3385,
26.4354

■ 131.3720, -4.1274,
17.2138

■ 141.8870, -1.9163,
7.9921

Harmonies

Analogous

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



55.2780, 2.3279, 93.5952



46.7790, -21.0900, 91.4018



68.1650, -33.6053, 45.4593

Triad

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



46.7790, -21.0900, 91.4018



57.3100, -13.9568, -50.2609



65.3600, 57.5035, -57.3207

Complementary

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



46.7790, -21.0900, 91.4018



106.2210, 21.0900, -91.4018

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.



72.1930, 50.6839, -63.3133



46.7790, -21.0900, 91.4018



65.2100, 11.2355, -57.1892

Square

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



46.7790, -21.0900, 91.4018



51.0690, -25.1770, -44.7875



71.1380, 33.9490, -62.3880



72.3150, 42.7357, 12.8787

Rectangle

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



46.7790, -21.0900, 91.4018



68.5980, -33.8188, 20.5236



71.1380, 33.9490, -62.3880



68.9960, 56.2040, -60.5095

Sweetspot

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



46.7790, -21.0900, 91.4018



154.7550, -8.2602, 36.1719



62.9390, 43.4141, 75.4755



74.4650, -5.1592, 21.5172



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



46.7790, -21.0900, 91.4018



58.9460, -27.5814, 120.1964



88.8150, -42.7998, 54.5362



71.3920, -1.1793, 4.9182



42.0880, -19.7634, 85.8688



3.8870, -1.9163, 7.9921

Inverse Universe

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



46.7790, -21.0900, 91.4018



58.9460, -27.5814, 120.1964



64.1850, 42.7998, -54.5362



71.3920, -1.1793, 4.9182



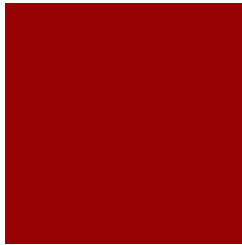
42.0880, -19.7634, 85.8688



3.8870, -1.9163, 7.9921

Previews

White Background



This preview shows how the YUV color 46.7790, -21.0900, 91.4018 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

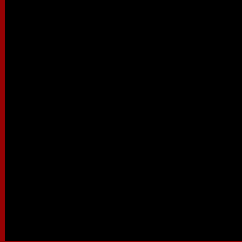
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.7790, -21.0900, 91.4018

Background



This preview shows how black text looks on a background with the YUV color 46.7790, -21.0900, 91.4018.



This preview shows how white text looks on a background with the YUV color 46.7790, -21.0900,

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

46.7790, -21.0900, 91.4018

Protanopia

72.6060, -25.9348, 11.7465

Deuteranopia

70.9680, -34.9872, 21.9531



Tritanopia

53.0680, -26.1625, 85.0094

Trichromacy



Original Color

46.7790, -21.0900, 91.4018

Protanomaly

63.2490, -24.2798, 41.0006

Deuteranomaly

62.3870, -30.2638, 47.0186

Tritanomaly

50.8340, -24.5682, 86.9686

Monochromacy



Original Color

46.7790, -21.0900, 91.4018

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1460, -7.9600, 33.1980

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.7790, -21.0900, 91.4018 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(151, 2, 4)` looks like.

```
.text, #text, p{  
    color:rgb(151, 2, 4)  
}
```

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(151, 2, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 2, 4) }
```

Border

The CSS property to change the border of an element to YUV 46.7790, -21.0900, 91.4018 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(151, 2, 4) }
```


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

```
.border{ border-color:rgb(151, 2, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 2, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 2, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(151, 2, 4); box-shadow:4px  
4px 4px 4px rgb(151, 2, 4) }
```

Background

The CSS property to change the background color of an element to YUV 46.7790, -21.0900, 91.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 2, 4) }
```

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

```
.background{ background-color: rgb(151, 2,  
4) }
```

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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