

Converting Colors

YUV(48.5610, -20.4896,
85.4540)

Have a look what the booklet for
YUV(48.5610, -20.4896, 85.4540)
contains.

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Color

**YUV(48.5610, -20.4896,
85.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	920707
RGB	146, 7, 7
RGB Percent	57%, 3%, 3%
CMY	0.4275, 0.9725, 0.9725
CMYK	0.00, 0.95, 0.95, 0.43
HSL	0°, 91%, 30%
HSV	0°, 95%, 57%
XYZ	11.9684, 6.2783, 0.7820
YIQ	48.5610, 82.8440, 29.4680

Conversions

Conversions Part 2

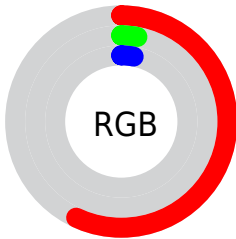
Format	Color
RYB	146, 7, 7
Decimal	9570055
CIELab	30.10, 51.89, 40.72
CIElCh	30, 65.957, 38.122
Yxy	6.2783, 0.6290, 0.3299
Android (android.graphics.Color)	4287760135 (0xFF920707)
YUV	48.5610, -20.4896, 85.4540
Hunter-Lab	25.0565, 41.4127, 15.6891

Details

The YUV color **48.5610, -20.4896, 85.4540** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **104.4390, 20.4896, -85.4540**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.6720, -28.9253, 84.4797**, and **25.7140, -12.6770, 52.8708** is the 20% darker color. If you saturate the color by 10%, you get **43.6540, -21.5214, 89.7574**, and if you desaturate by 10%, it is **59.0760, -18.2785, 76.2323**.

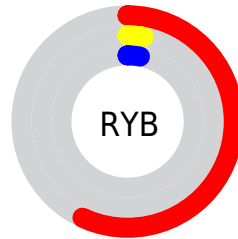
Distribution



Red (57%)

Green (3%)

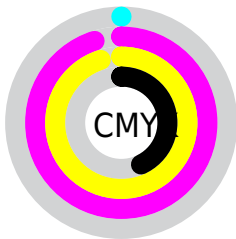
Blue (3%)



Red (57%)

Yellow (3%)

Blue (3%)

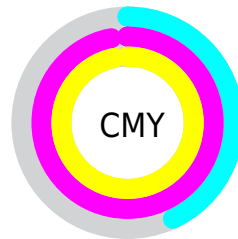


Cyan (0%)

Magenta (95%)

Yellow (95%)

Black (43%)



Cyan (43%)


Magenta (97%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 48.5610, -20.4896, 85.4540 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 48.5610, -20.4896, 85.4540 by changing the saturation by 10% instead.


 48.5610, -20.4896,
85.4540


 48.5610, -20.4896,
85.4540


 252.7200, -8.7360,
1.9996


 34.6840, -17.0992,
71.3141


 111.6720,
-28.9253, 84.4797


 25.7140, -12.6770,
52.8708

 139.4120,
-31.2621, 87.3387


 17.8690, -7.8234,
36.0719

 162.7810,
-30.9510, 80.8761

 6.2790, -3.0955,
12.9103

 182.1810,
-27.6972, 63.8623

 0.0000, 0.0000,
0.0000

 201.5810,
-24.4434, 46.8485

 221.6820,

-21.0422, 29.2199

241.8970,
-17.2042, 11.4913

48.5610, -20.4896,
85.4540

48.5610, -20.4896,
85.4540

43.6540, -21.5214,
89.7574

59.0760, -18.2785,
76.2323

68.8900, -16.2148,
67.6255

79.4050, -14.0037,
58.4038

89.2190, -11.9400,
49.7969

99.7340, -9.7289,
40.5753

■ 110.2490, -7.5178,
31.3536

■ 120.0630, -5.4541,
22.7467

■ 130.5780, -3.2430,
13.5251

■ 140.3920, -1.1793,
4.9182

Harmonies

Analogous

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



53.4840, 3.2124, 89.9065



48.5610, -20.4896, 85.4540



66.0940, -32.5843, 44.6446

Triad

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



48.5610, -20.4896, 85.4540



55.5490, -13.0887, -48.7165



63.3880, 55.0247, -55.5913

Complementary

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



48.5610, -20.4896, 85.4540



104.4390, 20.4896, -85.4540

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.



70.2210, 48.2050, -61.5838



48.5610, -20.4896, 85.4540



62.9930, 10.3565, -55.2449

Square

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



48.5610, -20.4896, 85.4540



49.9060, -24.6037, -42.0136



68.6930, 32.1964, -60.2438



70.7340, 40.5571, 11.6343

Rectangle

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



48.5610, -20.4896, 85.4540



66.8260, -32.9452, 20.3236



68.6930, 32.1964, -60.2438



66.4370, 54.0146, -58.2652

Sweetspot

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



48.5610, -20.4896, 85.4540



150.4450, -8.1074, 33.8127



64.4070, 40.2253, 71.5571



70.8670, -4.8644, 20.2876



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



48.5610, -20.4896, 85.4540



56.5110, -27.8599, 116.1929



89.6510, -40.7469, 49.4181



69.0930, -1.0318, 4.3034



41.2620, -20.3422, 84.8392



2.9900, -1.4741, 6.1478

Inverse Universe

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



104.4390, 20.4896, -85.4540



132.4890, 27.8599, -116.1929



63.9360, 40.4576, -49.9329



71.9070, 1.0318, -4.3034



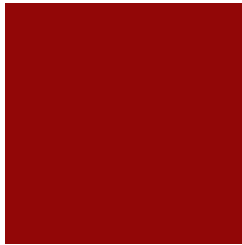
96.7380, 20.3422, -84.8392



7.0100, 1.4741, -6.1478

Previews

White Background



This preview shows how the YUV color 48.5610, -20.4896, 85.4540 looks on a white background.

Color Contrast Check

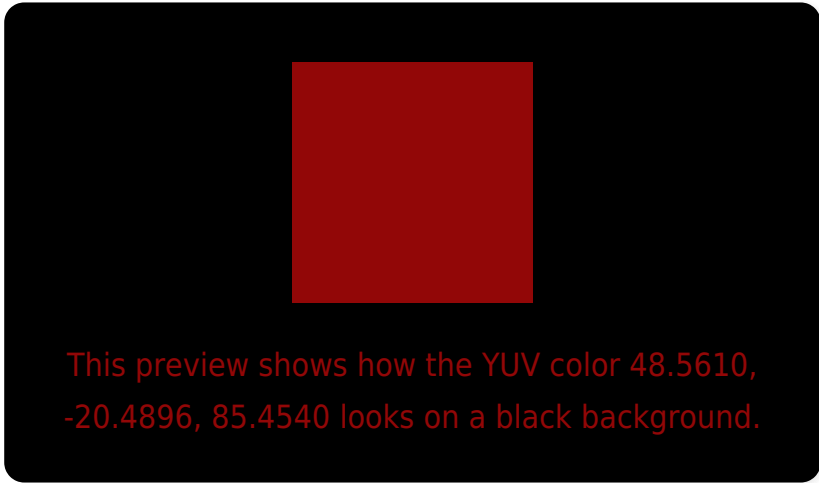
Large Text (above 18pt) WCAG AA ✓ Pass

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

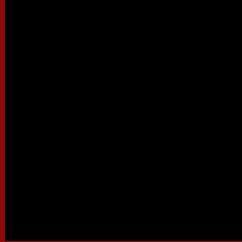
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.5610, -20.4896, 85.4540

Background



This preview shows how black text looks on a background with the YUV color 48.5610, -20.4896, 85.4540.



This preview shows how white text looks on a background with the YUV color 48.5610, -20.4896,

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

48.5610, -20.4896, 85.4540

Protanopia

70.6490, -24.4770, 10.8318

Deuteranopia

68.8970, -33.9662, 21.1383



Tritanopia

50.9860, -25.1361, 82.4503

Trichromacy



Original Color

48.5610, -20.4896, 85.4540

Protanomaly

62.8680, -23.1059, 37.8268

Deuteranomaly

61.4190, -28.8006, 44.3595

Tritanomaly

50.1540, -23.2469, 83.1799

Monochromacy



Original Color

48.5610, -20.4896, 85.4540

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9500, -7.3703, 30.7389

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.5610, -20.4896, 85.4540 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(146, 7, 7)` looks like.

```
.text, #text, p{  
    color:rgb(146, 7, 7)  
}
```

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(146, 7, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 7, 7) }
```

Border

The CSS property to change the border of an element to YUV 48.5610, -20.4896, 85.4540 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(146, 7, 7) }
```


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

```
.border{ border-color:rgb(146, 7, 7) }
```

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

Here you see how a box with a 4 pixel rgb(146, 7, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 7, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(146, 7, 7); box-shadow:4px  
4px 4px 4px rgb(146, 7, 7) }
```

Background

The CSS property to change the background color of an element to YUV 48.5610, -20.4896, 85.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 7, 7) }
```

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

```
.background{ background-color: rgb(146, 7,  
7) }
```

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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