

Converting Colors

YUV(48.6970, -20.0636,
88.8427)

Have a look what the booklet for
YUV(48.6970, -20.0636, 88.8427)
contains.

YUV(48.6970, -20.0636, 88.8427)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(48.6970, -20.0636,
88.8427)**

Conversions

Conversions Part 1

Format	Color
Hex	960508
RGB	150, 5, 8
RGB Percent	59%, 2%, 3%
CMY	0.4118, 0.9804, 0.9686
CMYK	0.00, 0.97, 0.95, 0.41
HSL	359°, 94%, 30%
HSV	359°, 97%, 59%
XYZ	12.6758, 6.6101, 0.8375
YIQ	48.6970, 85.4570, 31.6730

Conversions

Conversions Part 2

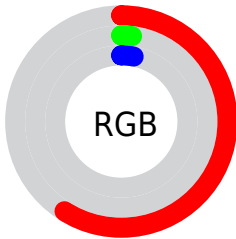
Format	Color
R_{YB}	150, 5, 8
Decimal	9831688
CIE Lab	30.90, 53.29, 41.30
CIE LCh	31, 67.421, 37.776
Yxy	6.6101, 0.6299, 0.3285
Android (android.graphics.Color)	4288021768 (0xFF960508)
YUV	48.6970, -20.0636, 88.8427
Hunter-Lab	25.7101, 43.0126, 16.0657

Details

The YUV color **48.6970, -20.0636, 88.8427** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **106.3030, 20.0636, -88.8427**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8680, -29.5149, 86.9388**, and **26.6110, -13.1192, 54.7152** is the 20% darker color. If you saturate the color by 10%, you get **45.1920, -20.8007, 91.9166**, and if you desaturate by 10%, it is **59.2120, -17.8525, 79.6211**.

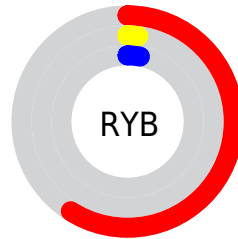
Distribution



Red (59%)

Green (2%)

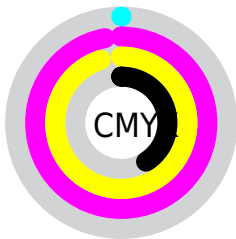
Blue (3%)



Red (59%)

Yellow (2%)

Blue (3%)

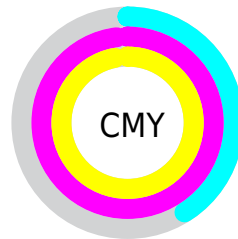


Cyan (0%)

Magenta (97%)

Yellow (95%)

Black (41%)



Cyan (41%)


Magenta (98%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YUV color 48.6970, -20.0636, 88.8427 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 48.6970, -20.0636, 88.8427 by changing the saturation by 10% instead.


 48.6970, -20.0636,
88.8427


 48.6970, -20.0636,
88.8427


 252.8340, -8.2992,
1.8996


 35.8800, -17.6888,
73.7732


 112.8680,
-29.5149, 86.9388

 26.6110, -13.1192,
54.7152


 141.0210,
-31.5624, 90.3126


 18.7660, -8.2656,
37.9162

 163.4820,
-30.8036, 80.2613

 8.1870, -3.5432,
16.4990


 182.8820,
-27.5498, 63.2475


 0.0000, 0.0000,
0.0000


 202.2820,
-24.2960, 46.2337


 221.7960,


-20.6054, 29.1199


 242.5980,
-17.0568, 10.8766


 48.6970, -20.0636,
88.8427


 48.6970, -20.0636,
88.8427


 45.1920, -20.8007,
91.9166

 59.2120, -17.8525,
79.6211

 69.6130, -16.0782,
70.4994

 80.1280, -13.8671,
61.2777

 90.6430, -11.6560,
52.0561

 101.0440, -9.8817,
42.9344

■ 111.5590, -7.6706,
33.7128

■ 122.0740, -5.4595,
24.4911

■ 132.5890, -3.2484,
15.2694

■ 142.9900, -1.4741,
6.1478

Harmonies

Analogous

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



54.9080, 3.4964, 92.1657



48.6970, -20.0636, 88.8427



67.5780, -33.3160, 45.9741

Triad

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



48.6970, -20.0636, 88.8427



56.7230, -13.6674, -49.7461



65.1320, 56.6299, -57.1208

Complementary

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



48.6970, -20.0636, 88.8427



106.3030, 20.0636, -88.8427

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.



71.8510, 49.3735, -63.0133



48.6970, -20.0636, 88.8427



64.3950, 10.6513, -56.4744

Square

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



48.6970, -20.0636, 88.8427



51.3790, -25.3298, -42.4284



70.2090, 32.9280, -61.5733



72.7770, 42.0149, 10.7196

Rectangle

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



48.6970, -20.0636, 88.8427



68.8970, -33.9662, 21.1383



70.2090, 32.9280, -61.5733



68.6540, 54.8936, -60.2096

Sweetspot

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



48.6970, -20.0636, 88.8427



154.8580, -7.8180, 34.3275



63.3900, 42.6987, 71.5720



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.



48.6970, -20.0636, 88.8427



58.4620, -26.8498, 118.8668



88.2710, -41.0526, 54.1363



69.0930, -1.0318, 4.3034



41.6040, -19.0318, 84.5393



2.9900, -1.4741, 6.1478

Inverse Universe

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



48.6970, -20.0636, 88.8427



58.4620, -26.8498, 118.8668



66.7290, 41.0526, -54.1363



69.0930, -1.0318, 4.3034



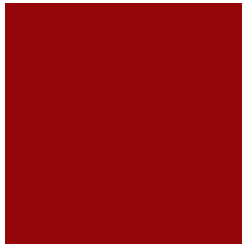
41.6040, -19.0318, 84.5393



2.9900, -1.4741, 6.1478

Previews

White Background



This preview shows how the YUV color 48.6970, -20.0636, 88.8427 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 48.6970, -20.0636, 88.8427

Background



This preview shows how black text looks on a background with the YUV color 48.6970, -20.0636, 88.8427.



This preview shows how white text looks on a background with the YUV color 48.6970, -20.0636,

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

48.6970, -20.0636, 88.8427

Protanopia

72.5350, -24.9138, 10.9318

Deuteranopia

70.6690, -34.8398, 21.3383



Tritanopia

52.7690, -26.0151, 84.3946

Trichromacy



Original Color

48.6970, -20.0636, 88.8427

Protanomaly

63.8790, -23.1113, 39.5711

Deuteranomaly

62.9030, -29.5322, 45.6891

Tritanomaly

51.3500, -23.8365, 85.6391

Monochromacy



Original Color

48.6970, -20.0636, 88.8427

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9610, -7.3758, 32.4832

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.6970, -20.0636, 88.8427 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(150, 5, 8)` looks like.

```
.text, #text, p{  
    color:rgb(150, 5, 8)  
}
```

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(150, 5, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 5, 8) }
```

Border

The CSS property to change the border of an element to YUV 48.6970, -20.0636, 88.8427 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(150, 5, 8) }
```


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

```
.border{ border-color:rgb(150, 5, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 5, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 5, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(150, 5, 8); box-shadow:4px  
4px 4px 4px rgb(150, 5, 8) }
```

Background

The CSS property to change the background color of an element to YUV 48.6970, -20.0636, 88.8427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 5, 8) }
```

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

```
.background{ background-color: rgb(150, 5,  
8) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor