

Converting Colors

YUV(84.7190, -30.4275,
52.8664)

Have a look what the booklet for
YUV(84.7190, -30.4275, 52.8664)
contains.

YUV(84.7190, -30.4275, 52.8664)	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(84.7190, -30.4275,
52.8664)**

Conversions

Conversions Part 1

Format	Color
Hex	914217
RGB	145, 66, 23
RGB Percent	57%, 26%, 9%
CMY	0.4314, 0.7412, 0.9098
CMYK	0.00, 0.54, 0.84, 0.43
HSL	21°, 73%, 33%
HSV	21°, 84%, 57%
XYZ	13.7799, 9.9780, 2.0103
YIQ	84.7190, 60.8870, 3.3750

Conversions

Conversions Part 2

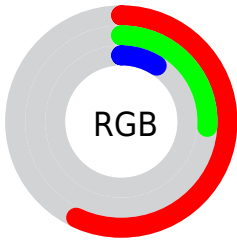
Format	Color
R_{YB}	145, 89, 23
Decimal	9519639
CIE Lab	37.80, 30.76, 39.90
CIE LCh	38, 50.382, 52.375
Yxy	9.9780, 0.5348, 0.3872
Android (android.graphics.Color)	4287709719 (0xFF914217)
YUV	84.7190, -30.4275, 52.8664
Hunter-Lab	31.5880, 22.5896, 18.3384

Details

The YUV color **84.7190, -30.4275, 52.8664** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **83.2810, 30.4275, -52.8664**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.0680, -33.0645, 58.6994**, and **36.8780, -18.1809, 44.8340** is the 20% darker color. If you saturate the color by 10%, you get **77.8400, -33.9381, 58.8993**, and if you desaturate by 10%, it is **91.5980, -26.9168, 46.8336**.

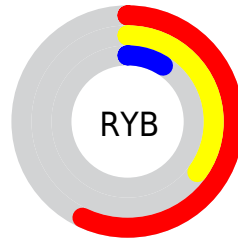
Distribution



Red (57%)

Green (26%)

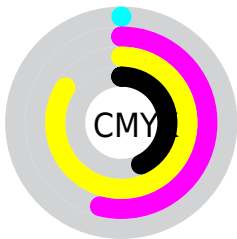
Blue (9%)



Red (57%)

Yellow (35%)

Blue (9%)

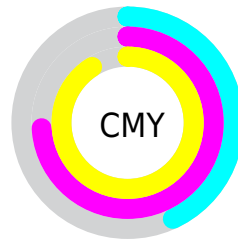


Cyan (0%)

Magenta (54%)

Yellow (84%)

Black (43%)



Cyan (43%)

Magenta (74%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7190, -30.4275, 52.8664 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 84.7190, -30.4275, 52.8664 by changing the saturation by 10% instead.

84.7190, -30.4275,
52.8664

84.7190, -30.4275,
52.8664

255.0000, 0.0000,
0.0000

59.3380, -29.2536,
49.6926

137.0680,
-33.0645, 58.6994

36.8780, -18.1809,
44.8340

164.3350,
-34.6752, 61.9732

17.9400, -8.8444,
36.8866

189.1280,
-34.0801, 57.7697

10.5790, -4.7224,
21.4172


207.9410,
-30.5369, 41.2707


0.0000, 0.0000,
0.0000


228.0420,
-27.1357, 23.6422


247.5560,


-23.4451, 6.5284


 252.0360,
-11.3567, 2.5994


 84.7190, -30.4275,
52.8664

 84.7190, -30.4275,
52.8664


 77.8400, -33.9381,
58.8993


 91.5980, -26.9168,
46.8336

 73.2920, -36.1330,
62.8879

 99.1780, -23.2588,
40.1859

 106.0570,
-19.7481, 34.1530

 113.6370,
-16.0900, 27.5054

 120.6300,
-12.1426, 21.3725

■ 127.5090, -8.6319,
15.3396

■ 134.9750, -5.4107,
8.7919

■ 141.9680, -1.4632,
2.6591

■ 149.5480, 2.1948,
-3.9886

Harmonies

Analogous

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



83.5570, -11.1206, 67.0405



84.7190, -30.4275, 52.8664



83.4050, -41.1187, 28.5858

Triad

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



84.7190, -30.4275, 52.8664



71.5870, 2.6686, -62.7818



86.9660, 38.4708, -19.2642

Complementary

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



84.7190, -30.4275, 52.8664



83.2810, 30.4275, -52.8664

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.



76.3190, 46.1847, -66.9318



84.7190, -30.4275, 52.8664



76.3750, 21.0141, -66.9809

Square

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



84.7190, -30.4275, 52.8664



68.9360, -16.7304, -47.3019



79.0770, 36.4440, -69.3505



90.8000, 23.7626, 31.7474

Rectangle

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



84.7190, -30.4275, 52.8664



81.5120, -40.1854, 9.1980



79.0770, 36.4440, -69.3505



75.4070, 46.1413, -52.9769

Sweetspot

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



84.7190, -30.4275, 52.8664



165.4450, -11.5584, 20.6577



68.4840, 16.5234, 67.1045



80.2420, -7.0213, 12.0658



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.



84.7190, -30.4275, 52.8664



95.8400, -47.2491, 81.7013



120.5260, -48.0803, 21.4637



67.8540, -1.9000, 2.7590



68.5410, -33.7907, 58.2845



4.1530, -2.0474, 3.3738

Inverse Universe

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



83.2810, 30.4275, -52.8664



93.1600, 47.2491, -81.7013



47.4740, 48.0803, -21.4637



67.7330, 1.6106, -3.2738



67.0460, 33.5013, -58.7993



3.8470, 2.0474, -3.3738

Previews

White Background



This preview shows how the YUV color 84.7190, -30.4275, 52.8664 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



This preview shows how the YUV color 84.7190, -30.4275, 52.8664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

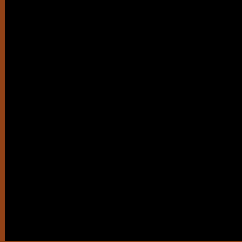
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7190, -30.4275, 52.8664

Background



This preview shows how black text looks on a background with the YUV color 84.7190, -30.4275, 52.8664.



This preview shows how white text looks on a background with the YUV color 84.7190, -30.4275,

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

84.7190, -30.4275, 52.8664

Protanopia

86.0360, -28.1187, 12.2464

Deuteranopia

85.2780, -35.1401, 24.3122



Tritanopia

87.8710, -10.7824, 51.8561

Trichromacy



Original Color

84.7190, -30.4275, 52.8664

Protanomaly

85.3090, -28.7463, 26.9160

Deuteranomaly

85.0990, -33.5728, 34.9932

Tritanomaly

86.3350, -17.9132, 52.3262

Monochromacy



Original Color

84.7190, -30.4275, 52.8664

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8470, -11.2636, 19.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7190, -30.4275, 52.8664 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(145, 66, 23)` looks like.

```
.text, #text, p{  
    color:rgb(145, 66, 23)  
}
```

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(145, 66, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 66, 23) }
```

Border

The CSS property to change the border of an element to YUV 84.7190, -30.4275, 52.8664 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(145, 66, 23) }
```


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

```
.border{ border-color:rgb(145, 66, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 66, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 66, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 66, 23);  
box-shadow:4px 4px 4px 4px rgb(145, 66,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 84.7190, -30.4275, 52.8664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 66, 23) }
```

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

```
.background{ background-color: rgb(145, 66,  
23) }
```

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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