

Converting Colors

YUV(84.7230, -29.9364,
35.3229)

Have a look what the booklet for
YUV(84.7230, -29.9364, 35.3229)
contains.

YUV(84.7230, -29.9364, 35.3229)	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(84.7230, -29.9364,
35.3229)**

Conversions

Conversions Part 1

Format	Color
Hex	7D4C18
RGB	125, 76, 24
RGB Percent	49%, 30%, 9%
CMY	0.5098, 0.7020, 0.9059
CMYK	0.00, 0.39, 0.81, 0.51
HSL	31°, 68%, 29%
HSV	31°, 81%, 49%
XYZ	11.2068, 9.5948, 2.1255
YIQ	84.7230, 45.8960, -5.7840

Conversions

Conversions Part 2

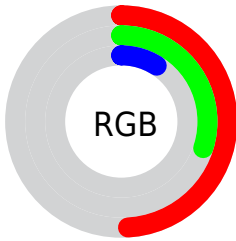
Format	Color
R _Y B	119, 125, 24
Decimal	8211480
CIE Lab	37.11, 16.28, 37.71
CIE LCh	37, 41.073, 66.652
Yxy	9.5948, 0.4888, 0.4185
Android (android.graphics.Color)	4286401560 (0xFF7D4C18)
YUV	84.7230, -29.9364, 35.3229
Hunter-Lab	30.9755, 10.3732, 17.6145

Details

The YUV color **84.7230, -29.9364, 35.3229** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **64.2770, 29.9364, -35.3229**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.8870, -31.9893, 40.4411**, and **39.4260, -19.4370, 27.6904** is the 20% darker color. If you saturate the color by 10%, you get **79.8330, -33.4417, 39.6115**, and if you desaturate by 10%, it is **89.7270, -25.9944, 30.9344**.

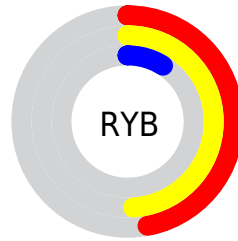
Distribution



Red (49%)

Green (30%)

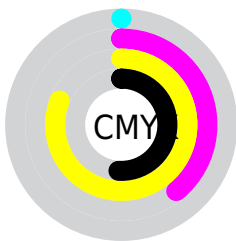
Blue (9%)



Red (47%)

Yellow (49%)

Blue (9%)

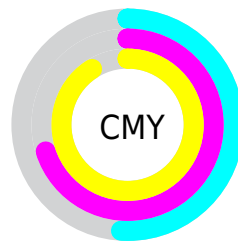


Cyan (0%)

Magenta (39%)

Yellow (81%)

Black (51%)



Cyan (51%)

Magenta (70%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7230, -29.9364, 35.3229 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 84.7230, -29.9364, 35.3229 by changing the saturation by 10% instead.

■ 84.7230, -29.9364,
35.3229

■ 84.7230, -29.9364,
35.3229

255.0000, 0.0000,
0.0000

■ 60.4130, -29.7836,
32.9638

■ 135.8870,
-31.9893, 40.4411

■ 39.4260, -19.4370,
27.6904

■ 162.6700,
-32.8683, 42.3854

■ 19.9120, -9.8166,
22.0022

■ 190.0400,
-34.0367, 43.8149

■ 2.9900, -1.4741,
6.1478

■ 213.3380,
-32.7046, 36.5376

■ 0.0000, 0.0000,
0.0000

■ 232.8520,
-29.0140, 19.4238

■ 248.9580,

-23.1503, 5.2988

■ 252.1500,
-10.9200, 2.4994

■ 84.7230, -29.9364,
35.3229

■ 84.7230, -29.9364,
35.3229

■ 79.8330, -33.4417,
39.6115

■ 89.7270, -25.9944,
30.9344

■ 74.9430, -36.9469,
43.9000

■ 94.6170, -22.4892,
26.6459

■ 99.5070, -18.9840,
22.3574

■ 104.5110,
-15.0419, 17.9689

■ 109.4010,
-11.5367, 13.6803

■ 114.4050, -7.5947,
9.2918

■ 119.4090, -3.6526,
4.9033

■ 124.8860, -0.4368,
0.1000

■ 129.8900, 3.5052,
-4.2885

Harmonies

Analogous

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



85.4380, -17.4709, 50.4819



84.7230, -29.9364, 35.3229



82.4400, -34.2339, 13.6461

Triad

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



84.7230, -29.9364, 35.3229



71.1770, 11.2517, -62.4222



89.4010, 25.4383, 7.5413

Complementary

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



84.7230, -29.9364, 35.3229



64.2770, 29.9364, -35.3229

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.



77.1600, 37.3891, -45.7443



84.7230, -29.9364, 35.3229



74.2380, 25.5187, -65.1067

Square

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



84.7230, -29.9364, 35.3229



66.1270, -3.0206, -57.9934



74.3980, 36.2858, -65.2470



89.1570, 12.2476, 38.4503

Rectangle

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



84.7230, -29.9364, 35.3229



80.1110, -28.6487, -4.4823



74.3980, 36.2858, -65.2470



87.9370, 29.1181, -6.0837

Sweetspot

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



84.7230, -29.9364, 35.3229



147.4010, -11.5367, 13.6803



60.0130, 7.3886, 56.9936



72.2200, -7.0105, 8.5771



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



84.7230, -29.9364, 35.3229



99.7890, -46.7310, 55.4360



113.4860, -44.1166, 10.0978



61.4410, -2.1894, 2.2442



77.0140, -37.9679, 44.7147



0.0000, 0.0000, 0.0000

Inverse Universe

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



64.2770, 29.9364, -35.3229



68.2110, 46.7310, -55.4360



35.5140, 44.1166, -10.0978



59.5590, 2.1894, -2.2442



50.9860, 37.9679, -44.7147



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 84.7230, -29.9364, 35.3229 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 84.7230, -29.9364, 35.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

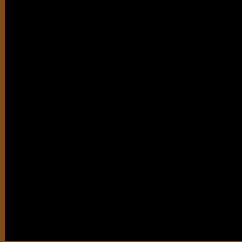
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7230, -29.9364, 35.3229

Background



This preview shows how black text looks on a background with the YUV color 84.7230, -29.9364, 35.3229.



This preview shows how white text looks on a background with the YUV color 84.7230, -29.9364,

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

84.7230, -29.9364, 35.3229

Protanopia

84.0360, -28.1187, 12.2464

Deuteranopia

84.3040, -31.2089, 23.4124



Tritanopia

88.6130, -6.2182, 34.5424

Trichromacy



Original Color

84.7230, -29.9364, 35.3229

Protanomaly

84.5640, -28.8721, 20.5534

Deuteranomaly

84.1520, -30.6409, 27.9307

Tritanomaly

87.3220, -14.9487, 34.7976

Monochromacy



Original Color

84.7230, -29.9364, 35.3229

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2160, -10.9525, 12.9656

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7230, -29.9364, 35.3229 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(125, 76, 24)` looks like.

```
.text, #text, p{  
    color:rgb(125, 76, 24)  
}
```

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(125, 76, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 76, 24) }
```

Border

The CSS property to change the border of an element to YUV 84.7230, -29.9364, 35.3229 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(125, 76, 24) }
```


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

```
.border{ border-color:rgb(125, 76, 24) }
```

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

Here you see how a box with a 4 pixel rgb(125, 76, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 76, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 76, 24);  
box-shadow:4px 4px 4px 4px rgb(125, 76,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 84.7230, -29.9364, 35.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 76, 24) }
```

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

```
.background{ background-color: rgb(125, 76,  
24) }
```

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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