

Converting Colors

YUV(88.7190, 29.7185,
-12.0316)

Have a look what the booklet for
YUV(88.7190, 29.7185, -12.0316)
contains.

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Color

**YUV(88.7190, 29.7185,
-12.0316)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5495
RGB	75, 84, 149
RGB Percent	29%, 33%, 58%
CMY	0.7059, 0.6706, 0.4157
CMYK	0.50, 0.44, 0.00, 0.42
HSL	233°, 33%, 44%
HSV	233°, 50%, 58%
XYZ	11.4968, 10.0064, 29.7593
YIQ	88.7190, -26.2290, 18.3070

Conversions

Conversions Part 2

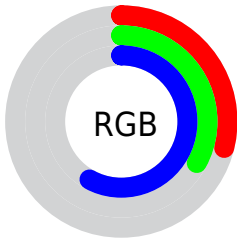
Format	Color
R_YB	75, 83, 149
Decimal	4936853
CIE _{Lab}	37.85, 15.15, -36.94
CIE _{LCh}	38, 39.926, 292.295
Yxy	10.0064, 0.2243, 0.1952
Android (android.graphics.Color)	4283126933 (0xFF4B5495)
YUV	88.7190, 29.7185, -12.0316
Hunter-Lab	31.6329, 9.5170, -33.6351

Details

The YUV color **88.7190, 29.7185, -12.0316** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.2810, -29.7185, 12.0316**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5990, 31.7497, -10.1723**, and **39.4470, 28.8666, -18.8090** is the 20% darker color. If you saturate the color by 10%, you get **76.6030, 35.6917, -14.5608**, and if you desaturate by 10%, it is **100.8350, 23.7453, -9.5023**.

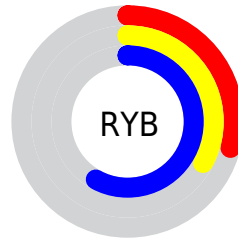
Distribution



Red (29%)

Green (33%)

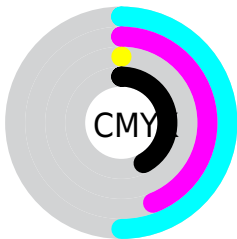
Blue (58%)



Red (29%)

Yellow (33%)

Blue (58%)

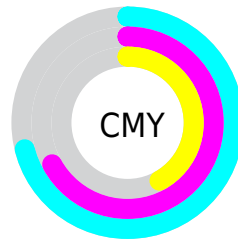


Cyan (50%)

Magenta (44%)

Yellow (0%)

Black (42%)



Cyan (71%)

Magenta (67%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7190, 29.7185, -12.0316 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 88.7190, 29.7185, -12.0316 by changing the saturation by 10% instead.

■ 88.7190, 29.7185,
-12.0316

■ 88.7190, 29.7185,
-12.0316

■ 255.0000, 0.0000,
0.0000

■ 64.1810, 28.9978,
-14.1907

■ 139.5990, 31.7497,
-10.1723

■ 39.4470, 28.8666,
-18.8090

■ 166.1260, 32.4759,
-9.7575

■ 20.0620, 26.0984,
-17.5944

■ 192.9690, 30.5813,
-8.7428

■ 5.7000, 21.8399,
-4.9989

■ 218.0760, 18.2035,
-5.3287

■ 4.3660, 11.6516,
-3.8290

■ 243.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 88.7190, 29.7185,
-12.0316

■ 88.7190, 29.7185,
-12.0316

■ 76.6030, 35.6917,
-14.5608

■ 100.8350, 23.7453,
-9.5023

■ 64.4870, 41.6649,
-17.0901

■ 112.9510, 17.7722,
-6.9730

■ 52.3710, 47.6381,
-19.6194

■ 125.0670, 11.7990,
-4.4438

■ 40.2550, 53.6113,
-22.1486

■ 137.1830, 5.8258,
-1.9145

■ 28.1390, 59.5845,
-24.6779

■ 149.2990, -0.1474,
0.6148

■ 27.5520, 59.8739,
-24.1631

■ 161.7030, -6.2626,
2.0145

■ 173.8190,
-12.2358, 4.5437

■ 185.9350,

-18.2090, 7.0730

 198.0510,
-24.1821, 9.6023

Harmonies

Analogous

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



73.2070, 39.3379, -64.2025



88.7190, 29.7185, -12.0316



91.6760, 18.4007, 24.8401

Triad

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



88.7190, 29.7185, -12.0316



87.2600, -24.2852, 42.7450



70.0540, 4.4104, -61.4374

Complementary

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



88.7190, 29.7185, -12.0316



135.2810, -29.7185, 12.0316

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.



77.3170, -14.4533, -30.9730



88.7190, 29.7185, -12.0316



85.9620, -32.5193, 23.7123

Square

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



88.7190, 29.7185, -12.0316



87.6970, -10.2036, 52.8857



83.3180, -29.2438, -0.2789



74.5170, 18.9721, -65.3514

Rectangle

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



88.7190, 29.7185, -12.0316



90.7830, 9.4740, 41.4093



83.3180, -29.2438, -0.2789



68.2130, -0.1050, -59.8228

Sweetspot

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



88.7190, 29.7185, -12.0316



170.0670, 11.7990, -4.4438



125.7340, 6.5401, -44.4937



82.8130, 6.9942, -3.3440



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.



88.7190, 29.7185, -12.0316



99.4420, 46.6171, -18.8046



91.5090, 28.3431, 9.2006



67.7980, 3.0576, -0.6998



25.7110, 55.3585, -22.5485



1.7270, 4.0786, -1.5146

Inverse Universe

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



98.1520, -6.9769, 44.5937



114.2800, -10.9840, 69.9144



132.4910, -28.3431, -9.2006



69.0930, -1.0318, 4.3034



43.2000, -12.9166, 83.1396



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 88.7190, 29.7185, -12.0316 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 88.7190, 29.7185, -12.0316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

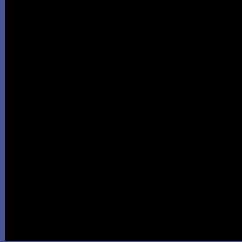
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7190, 29.7185, -12.0316

Background



This preview shows how black text looks on a background with the YUV color 88.7190, 29.7185, -12.0316.



This preview shows how white text looks on a background with the YUV color 88.7190, 29.7185,

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

88.7190, 29.7185, -12.0316

Protanopia

86.6360, 32.2245, -22.4828

Deuteranopia

84.6520, 31.2306, -30.3898



Tritanopia

84.7460, 8.5062, -21.7022

Trichromacy



Original Color

88.7190, 29.7185, -12.0316

Protanomaly

87.4300, 31.3400, -18.7941

Deuteranomaly

86.1690, 30.4827, -23.8272

Tritanomaly

85.8310, 16.3523, -18.2688

Monochromacy



Original Color

88.7190, 29.7185, -12.0316

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8390, 10.9254, -4.2438

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7190, 29.7185, -12.0316 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(75, 84, 149)` looks like.

```
.text, #text, p{  
    color:rgb(75, 84, 149)  
}
```

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(75, 84, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 84, 149) }
```

Border

The CSS property to change the border of an element to YUV 88.7190, 29.7185, -12.0316 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(75, 84, 149) }
```


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

```
.border{ border-color:rgb(75, 84, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 84, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 84, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 84, 149);  
box-shadow:4px 4px 4px 4px rgb(75, 84,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 88.7190, 29.7185, -12.0316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 84, 149) }
```

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

```
.background{ background-color: rgb(75, 84,  
149) }
```

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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