

Converting Colors

YUV(86.2810, -29.7185,
12.0316)

Have a look what the booklet for
YUV(86.2810, -29.7185, 12.0316)
contains.

| | |
|--|----|
| YUV(86.2810, -29.7185, 12.0316) | 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(86.2810, -29.7185,
12.0316)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 645B1A |
| RGB | 100, 91, 26 |
| RGB Percent | 39%, 36%, 10% |
| CMY | 0.6078, 0.6431, 0.8980 |
| CMYK | 0.00, 0.09, 0.74, 0.61 |
| HSL | 53°, 59%, 25% |
| HSV | 53°, 74%, 39% |
| XYZ | 9.1831, 10.2661, 2.4748 |
| YIQ | 86.2810, 26.2290, -18.3070 |

Conversions

Conversions Part 2

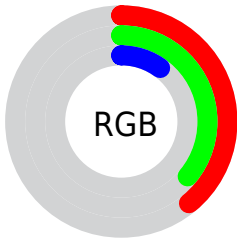
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 36, 100, 26 |
| Decimal | 6576922 |
| CIE Lab | 38.32, -4.69, 36.99 |
| CIE LCh | 38, 37.291, 97.222 |
| Yxy | 10.2661, 0.4189, 0.4683 |
| Android (android.graphics.Color) | 4284767002 (0xFF645B1A) |
| YUV | 86.2810, -29.7185, 12.0316 |
| Hunter-Lab | 32.0407, -4.9121, 17.8489 |

Details

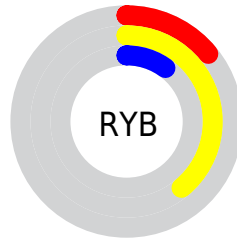
The YUV color **86.2810, -29.7185, 12.0316** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **39.7190, 29.7185, -12.0316**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9500, -31.0344, 14.0758**, and **42.2510, -20.8297, 7.6729** is the 20% darker color. If you saturate the color by 10%, you get **84.5540, -33.7971, 13.5461**, and if you desaturate by 10%, it is **88.0080, -25.6399, 10.5170**.

Distribution



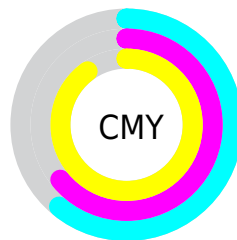
- Red (39%)
- Green (36%)
- Blue (10%)



- Red (14%)
- Yellow (39%)
- Blue (10%)



- Cyan (0%)
- Magenta (9%)
- Yellow (74%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.2810, -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 86.2810, -29.7185, 12.0316 by changing the saturation by 10% instead.

86.2810, -29.7185,
12.0316

86.2810, -29.7185,
12.0316

255.0000, 0.0000,
0.0000

62.3410, -30.7341,
11.1019

136.9500,
-31.0344, 14.0758

42.2510, -20.8297,
7.6729

163.4340,
-31.7660, 15.4054

22.4490, -11.0674,
3.1142

190.5050,
-32.7870, 16.2201

0.0000, 0.0000,
0.0000

218.6900,
-33.3712, 16.9349

243.8740,
-32.4759, 9.7575

249.4140,

-21.4031, 4.8989

252.6060, -9.1728,
2.0995

86.2810, -29.7185,
12.0316

86.2810, -29.7185,
12.0316

84.5540, -33.7971,
13.5461

88.0080, -25.6399,
10.5170

82.8270, -37.8757,
15.0607

89.7350, -21.5614,
9.0024

81.5560, -40.2071,
16.1754

92.0490, -17.7722,
6.9730

93.7760, -13.6936,
5.4584

95.5030, -9.6150,
3.9439

■ 97.2300, -5.5364,
2.4293

■ 99.5440, -1.7472,
0.3999

■ 101.2710, 2.3314,
-1.1147

■ 102.9980, 6.4100,
-2.6292

Harmonies

Analogous

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



88.0970, -27.1628, 32.3639



86.2810, -29.7185, 12.0316



82.8910, -21.6383, -13.0594

Triad

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



86.2810, -29.7185, 12.0316



75.4120, 24.9399, -66.1363



92.6790, 10.5113, 35.3615

Complementary

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



86.2810, -29.7185, 12.0316



39.7190, 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.



92.7170, 22.8175, 8.1412



86.2810, -29.7185, 12.0316



75.3440, 34.8334, -66.0767

Square

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



86.2810, -29.7185, 12.0316



72.6930, 11.9834, -63.7518



83.9720, 32.5518, -34.1784



90.2110, -3.0620, 48.9270

Rectangle

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



86.2810, -29.7185, 12.0316



77.9190, -10.8061, -34.1320



83.9720, 32.5518, -34.1784



92.7750, 14.9009, 27.3843

Sweetspot

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



86.2810, -29.7185, 12.0316



124.9330, -11.7990, 4.4438



49.2660, -6.5401, 44.4937



62.8880, -6.8468, 2.7292



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



86.2810, -29.7185, 12.0316



108.5580, -46.6171, 18.8046



83.4910, -28.3431, -9.2006



49.8430, -1.8946, 1.0147



93.6720, -46.1803, 18.7047



197.3890, -97.3128, 39.1238

Inverse Universe

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



39.7190, 29.7185, -12.0316



35.4420, 46.6171, -18.8046



42.5090, 28.3431, 9.2006



47.1570, 1.8946, -1.0147



21.3280, 46.1803, -18.7047



44.6110, 97.3128, -39.1238

Previews

White Background



This preview shows how the YUV color 86.2810, -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 × Fail

Black Background



This preview shows how the YUV color 86.2810, -29.7185, 12.0316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

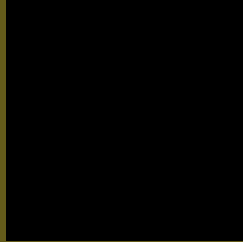
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.2810, -29.7185, 12.0316

Background



This preview shows how black text looks on a background with the YUV color 86.2810, -29.7185, 12.0316.



This preview shows how white text looks on a background with the YUV color 86.2810, -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

86.2810, -29.7185, 12.0316

Protanopia

86.5800, -29.8659, 12.6463

Deuteranopia

87.4610, -29.3143, 22.3977



Tritanopia

91.7780, 0.1094, 11.5957

Trichromacy



Original Color

86.2810, -29.7185, 12.0316

Protanomaly

86.5800, -29.8659, 12.6463

Deuteranomaly

87.0260, -29.5928, 18.3942

Tritanomaly

89.6180, -10.6577, 11.7360

Monochromacy



Original Color

86.2810, -29.7185, 12.0316

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1610, -10.9254, 4.2438

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.2810, -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(100, 91, 26)` looks like.

```
.text, #text, p{  
    color:rgb(100, 91, 26)  
}
```

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(100, 91, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 91, 26) }
```

Border

The CSS property to change the border of an element to YUV 86.2810, -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(100, 91, 26) }
```


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

```
.border{ border-color:rgb(100, 91, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 91, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 91, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 91, 26);  
box-shadow:4px 4px 4px 4px rgb(100, 91,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 86.2810, -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(100, 91, 26) }
```

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

```
.background{ background-color: rgb(100, 91,  
26) }
```

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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