

Converting Colors

YUV(84.0960, -29.1343,
11.3168)

Have a look what the booklet for
YUV(84.0960, -29.1343, 11.3168)
contains.

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Color

**YUV(84.0960, -29.1343,
11.3168)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 615919 |
| RGB | 97, 89, 25 |
| RGB Percent | 38%, 35%, 10% |
| CMY | 0.6196, 0.6510, 0.9020 |
| CMYK | 0.00, 0.08, 0.74, 0.62 |
| HSL | 53°, 59%, 24% |
| HSV | 53°, 74%, 38% |
| XYZ | 8.6776, 9.7563, 2.3455 |
| YIQ | 84.0960, 25.3120, -18.2080 |

Conversions

Conversions Part 2

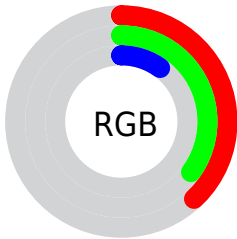
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 34, 97, 25 |
| Decimal | 6379801 |
| CIE Lab | 37.40, -5.04, 36.42 |
| CIE LCh | 37, 36.769, 97.873 |
| Yxy | 9.7563, 0.4176, 0.4695 |
| Android (android.graphics.Color) | 4284569881 (0xFF615919) |
| YUV | 84.0960, -29.1343, 11.3168 |
| Hunter-Lab | 31.2351, -5.0714, 17.4124 |

Details

The YUV color **84.0960, -29.1343, 11.3168** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37.9040, 29.1343, -11.3168**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7650, -30.4501, 13.3611**, and **40.1800, -19.8087, 6.8581** is the 20% darker color. If you saturate the color by 10%, you get **82.3690, -33.2129, 12.8314**, and if you desaturate by 10%, it is **85.8230, -25.0557, 9.8022**.

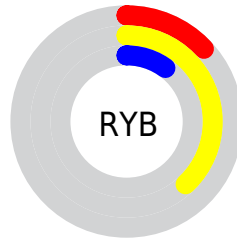
Distribution



Red (38%)

Green (35%)

Blue (10%)



Red (13%)

Yellow (38%)

Blue (10%)

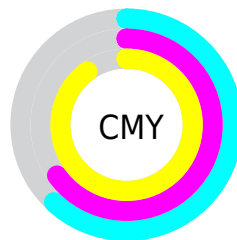


Cyan (0%)

Magenta (8%)

Yellow (74%)

Black (62%)



Cyan (62%)

Magenta (65%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0960, -29.1343, 11.3168 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 84.0960, -29.1343, 11.3168 by changing the saturation by 10% instead.

84.0960, -29.1343,
11.3168

84.0960, -29.1343,
11.3168

255.0000, 0.0000,
0.0000

60.2700, -29.7131,
10.2872

134.7650,
-30.4501, 13.3611

40.1800, -19.8087,
6.8581

160.9500,
-31.0343, 14.0759

20.9650, -10.3357,
1.7847

188.3200,
-32.2028, 15.5054

0.0000, 0.0000,
0.0000

216.0920,
-33.0764, 15.7053

241.8850,
-32.4813, 11.5019

249.1860,

-22.2767, 5.0989

252.4920, -9.6096,
2.1995

84.0960, -29.1343,
11.3168

84.0960, -29.1343,
11.3168

82.3690, -33.2129,
12.8314

85.8230, -25.0557,
9.8022

80.7560, -36.8547,
14.2460

87.4360, -21.4139,
8.3876

79.4850, -39.1861,
15.3607

89.1630, -17.3354,
6.8730

90.8900, -13.2568,
5.3585

92.6170, -9.1782,
3.8439

■ 94.2300, -5.5364,
2.4293

■ 96.5440, -1.7472,
0.3999

■ 98.2710, 2.3314,
-1.1147

■ 99.8840, 5.9732,
-2.5293

Harmonies

Analogous

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



85.9120, -26.5786, 31.6492



84.0960, -29.1343, 11.3168



80.8200, -20.6173, -13.8741

Triad

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



84.0960, -29.1343, 11.3168



74.0100, 24.6451, -64.9068



90.2660, 10.2219, 34.8467

Complementary

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



84.0960, -29.1343, 11.3168



37.9040, 29.1343, -11.3168

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.



90.4890, 21.9439, 8.3411



84.0960, -29.1343, 11.3168



73.2410, 34.3912, -64.2324

Square

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



84.0960, -29.1343, 11.3168



71.2910, 11.6885, -62.5222



82.4560, 31.8202, -32.8489



87.4990, -3.2040, 47.7974

Rectangle

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



84.0960, -29.1343, 11.3168



76.0330, -10.3693, -34.2319



82.4560, 31.8202, -32.8489



90.6610, 14.4641, 27.4843

Sweetspot

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



84.0960, -29.1343, 11.3168



120.0470, -11.3622, 4.3438



47.4400, -7.1189, 43.4641



60.8880, -6.8468, 2.7292



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



84.0960, -29.1343, 11.3168



105.3020, -45.0119, 17.2751



80.4200, -27.3221, -10.0153



47.5440, -1.7472, 0.3999



92.1880, -45.4487, 17.3751



196.7910, -97.0180, 37.8943

Inverse Universe

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



37.9040, 29.1343, -11.3168



33.6980, 45.0119, -17.2751



41.5800, 27.3221, 10.0153



44.4560, 1.7472, -0.3999



19.8120, 45.4487, -17.3751



43.2090, 97.0180, -37.8943

Previews

White Background



This preview shows how the YUV color 84.0960, -29.1343, 11.3168 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 84.0960, -29.1343, 11.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

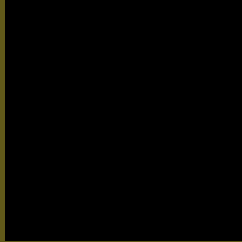
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0960, -29.1343, 11.3168

Background



This preview shows how black text looks on a background with the YUV color 84.0960, -29.1343, 11.3168.



This preview shows how white text looks on a background with the YUV color 84.0960, -29.1343,

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

84.0960, -29.1343, 11.3168

Protanopia

84.1070, -29.1398, 13.0612

Deuteranopia

85.2760, -28.7301, 21.6829



Tritanopia

89.4790, 0.2569, 10.9809

Trichromacy



Original Color

84.0960, -29.1343, 11.3168

Protanomaly

83.8080, -28.9923, 12.4464

Deuteranomaly

84.8410, -29.0086, 17.6794

Tritanomaly

87.3190, -10.5103, 11.1212

Monochromacy



Original Color

84.0960, -29.1343, 11.3168

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2750, -10.4886, 4.1438

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0960, -29.1343, 11.3168 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(97, 89, 25)` looks like.

```
.text, #text, p{  
    color:rgb(97, 89, 25)  
}
```

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(97, 89, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 89, 25) }
```

Border

The CSS property to change the border of an element to YUV 84.0960, -29.1343, 11.3168 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(97, 89, 25) }
```


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

```
.border{ border-color:rgb(97, 89, 25) }
```

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

Here you see how a box with a 4 pixel rgb(97, 89, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 89, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 89, 25);  
box-shadow:4px 4px 4px 4px rgb(97, 89, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.0960, -29.1343, 11.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 89, 25) }
```

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

```
.background{ background-color: rgb(97, 89,  
25) }
```

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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