

Converting Colors

YUV(108.0000, -29.5800,
107.8710)

Have a look what the booklet for
YUV(108.0000, -29.5800, 107.8710)
contains.

| | |
|--|----|
| YUV(108.0000, -29.5800, 107.8710) | 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(108.0000, -29.5800,
107.8710)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E73930 |
| RGB | 231, 57, 48 |
| RGB Percent | 91%, 22%, 19% |
| CMY | 0.0941, 0.7765, 0.8118 |
| CMYK | 0.00, 0.75, 0.79, 0.09 |
| HSL | 3°, 79%, 55% |
| HSV | 3°, 79%, 91% |
| XYZ | 34.9516, 20.1286, 4.8394 |
| YIQ | 108.0000, 106.5930, 34.0890 |

Conversions

Conversions Part 2

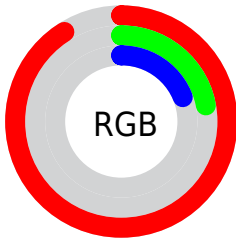
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 231, 57, 48 |
| Decimal | 15153456 |
| CIE _{Lab} | 51.98, 65.19, 46.37 |
| CIE _{LCh} | 52, 79.997, 35.422 |
| Yxy | 20.1286, 0.5833, 0.3359 |
| Android (android.graphics.Color) | 4293343536 (0xFFE73930) |
| YUV | 108.0000, -29.5800, 107.8710 |
| Hunter-Lab | 44.8649, 60.5454, 25.0101 |

Details

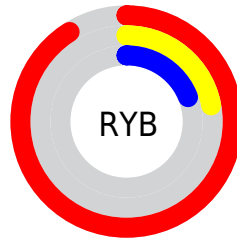
The YUV color **108.0000, -29.5800, 107.8710** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **171.0000, 29.5800, -107.8710**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8680, -29.5149, 86.9388**, and **50.1610, -23.7434, 102.4678** is the 20% darker color. If you saturate the color by 10%, you get **92.4640, -33.2598, 121.4961**, and if you desaturate by 10%, it is **123.5360, -25.9002, 94.2459**.

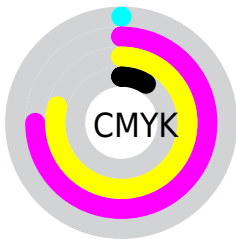
Distribution



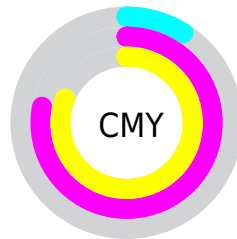
- Red (91%)
- Green (22%)
- Blue (19%)



- Red (91%)
- Yellow (22%)
- Blue (19%)



- Cyan (0%)
- Magenta (75%)
- Yellow (79%)
- Black (9%)





- Cyan (9%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.0000, -29.5800, 107.8710 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 108.0000, -29.5800, 107.8710 by changing the saturation by 10% instead.


 108.0000,
-29.5800, 107.8710


 108.0000,
-29.5800, 107.8710


255.0000, 0.0000,
0.0000


 71.1560, -22.7549,
112.1192


 155.8680,
-29.5149, 86.9388


 50.1610, -23.7434,
102.4678


 175.7410,
-26.9873, 69.5101


 40.3650, -19.8999,
82.9949


 195.7280,
-24.0229, 51.9815

 30.7970, -15.1829,
63.3220

 215.8290,
-20.6217, 34.3530

 22.4680, -9.5977,
45.1936

 236.5170,
-17.5099, 16.2096

 12.9710, -5.9017,
26.3354

 252.1500,

 0.0000, 0.0000,

-10.9200, 2.4994

0.0000

■ 108.0000,
-29.5800, 107.8710

■ 108.0000,
-29.5800, 107.8710

■ 92.4640, -33.2598,
121.4961

■ 123.5360,
-25.9002, 94.2459

■ 76.9280, -36.9395,
135.1211

■ 139.0720,
-22.2205, 80.6209

■ 75.5260, -37.2343,
136.3507


■ 154.6080,
-18.5407, 66.9958

■ 170.1440,
-14.8610, 53.3707

■ 185.7940,
-10.7444, 39.6457

■ 201.3300, -7.0647,
26.0206

 216.8660, -3.3849,
12.3955

 232.4020, 0.2948,
-1.2296

 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



92.2130, 11.2340, 130.4862



108.0000, -29.5800, 107.8710



115.5320, -56.9573, 68.8164

Triad

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



108.0000, -29.5800, 107.8710



94.5310, -16.0378, -82.9037



104.7930, 74.0521, -91.9035

Complementary

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



108.0000, -29.5800, 107.8710



171.0000, 29.5800, -107.8710

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.



114.2020, 66.9484, -100.1552



108.0000, -29.5800, 107.8710



105.2010, 14.6909, -92.2613

Square

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



108.0000, -29.5800, 107.8710



101.9030, -50.2382, -33.2409



112.2520, 44.2458, -98.4450



125.4960, 54.9715, 8.3350

Rectangle

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



108.0000, -29.5800, 107.8710



116.8070, -57.5859, 37.0033



112.2520, 44.2458, -98.4450



108.9020, 72.0263, -95.5071

Sweetspot

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



108.0000, -29.5800, 107.8710



214.0000, -9.8600, 35.9570



122.8950, 50.3378, 94.8081



102.6500, -5.7434, 22.2320



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



108.0000, -29.5800, 107.8710



92.4020, -39.1452, 142.5984



160.2430, -55.3358, 62.0539



107.1750, -2.0583, 6.8625



58.8040, -28.9904, 105.4119



17.0100, -8.3859, 29.8092

Inverse Universe

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



171.0000, 29.5800, -107.8710



175.5980, 39.1452, -142.5984



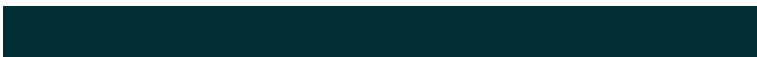
118.7570, 55.3358, -62.0539



110.8250, 2.0583, -6.8625



120.1960, 28.9904, -105.4119



33.9900, 8.3859, -29.8092

Previews

White Background



This preview shows how the YUV color 108.0000, -29.5800, 107.8710 looks on a white 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

Black Background



This preview shows how the YUV color 108.0000, -29.5800, 107.8710 looks on a black 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

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

YUV 108.0000, -29.5800, 107.8710 Background



This preview shows how black text looks on a background with the YUV color 108.0000, -29.5800, 107.8710.



This preview shows how white text looks on a background with the YUV color 108.0000, -29.5800, 107.8710.

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

108.0000, -29.5800, 107.8710

Protanopia

121.9760, -27.1032, 13.1760

Deuteranopia

119.7860, -42.2925, 31.7597



Tritanopia

108.4390, -25.3594, 107.4860

Trichromacy



Original Color

108.0000, -29.5800, 107.8710

Protanomaly

116.6690, -27.9378, 47.6483

Deuteranomaly

115.5150, -37.7219, 59.1843

Tritanomaly

108.0970, -26.6698, 107.7859

Monochromacy



Original Color

108.0000, -29.5800, 107.8710

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.7940, -10.7444, 39.6457

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0000, -29.5800, 107.8710 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(231, 57, 48)` looks like.

```
.text, #text, p{  
    color:rgb(231, 57, 48)  
}
```

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(231, 57, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 57, 48) }
```

Border

The CSS property to change the border of an element to YUV 108.0000, -29.5800, 107.8710 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(231, 57, 48) }
```


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

```
.border{ border-color:rgb(231, 57, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 57, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 57, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 57, 48);  
box-shadow:4px 4px 4px 4px rgb(231, 57,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 108.0000, -29.5800, 107.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 57, 48) }
```

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

```
.background{ background-color: rgb(231, 57,  
48) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor