

Converting Colors

YUV(84.5400, -28.3672,
138.9694)

Have a look what the booklet for
YUV(84.5400, -28.3672, 138.9694)
contains.

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Color

**YUV(84.5400, -28.3672,
138.9694)**

Conversions

Conversions Part 1

Format	Color
Hex	F30F1B
RGB	243, 15, 27
RGB Percent	95%, 6%, 11%
CMY	0.0471, 0.9412, 0.8941
CMYK	0.00, 0.94, 0.89, 0.05
HSL	357°, 90%, 51%
HSV	357°, 94%, 95%
XYZ	37.3308, 19.4755, 2.8285
YIQ	84.5400, 132.0360, 52.0680

Conversions

Conversions Part 2

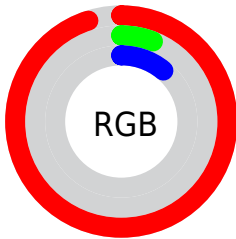
Format	Color
R_{YB}	243, 15, 27
Decimal	15929115
CIE Lab	51.24, 76.34, 56.70
CIE LCh	51, 95.095, 36.599
Yxy	19.4755, 0.6260, 0.3266
Android (android.graphics.Color)	4294119195 (0xFFFF30F1B)
YUV	84.5400, -28.3672, 138.9694
Hunter-Lab	44.1310, 73.7654, 27.0916

Details

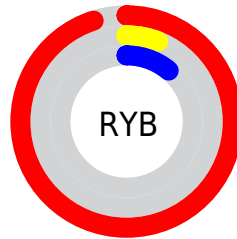
The YUV color **84.5400, -28.3672, 138.9694** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark saturated red. A complement of this color would be **173.4600, 28.3672, -138.9694**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7340, -32.8999, 99.3343**, and **52.6240, -25.9436, 108.2008** is the 20% darker color. If you saturate the color by 10%, you get **74.1390, -30.1415, 148.0911**, and if you desaturate by 10%, it is **101.2500, -25.2662, 124.3148**.

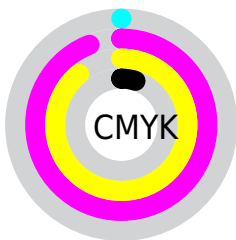
Distribution



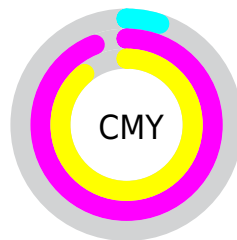
- Red (95%)
- Green (6%)
- Blue (11%)



- Red (95%)
- Yellow (6%)
- Blue (11%)



- Cyan (0%)
- Magenta (94%)
- Yellow (89%)
- Black (5%)



- Cyan (5%)
- Magenta (94%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.5400, -28.3672, 138.9694 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 84.5400, -28.3672, 138.9694 by changing the saturation by 10% instead.


 84.5400, -28.3672,
138.9694


 84.5400, -28.3672,
138.9694


255.0000, 0.0000,
0.0000


 62.9040, -30.5187,
129.0032


 141.7340,
-32.8999, 99.3343


 52.6240, -25.9436,
108.2008


 162.7810,
-30.9510, 80.8761


 42.7570, -21.0792,
87.9131


 183.3550,
-28.2760, 62.8327

 33.3030, -15.9254,
68.1403

 203.9290,
-25.6010, 44.7893

 24.6750, -10.1928,
49.3970

 224.6170,
-22.4892, 26.6459

 14.8790, -6.3493,
29.9241

 246.0060,

 0.0000, 0.0000,


-19.2300, 7.8877


0.0000

 252.8340, -8.2992,
1.8996


 84.5400, -28.3672,
138.9694


 84.5400, -28.3672,
138.9694


 74.1390, -30.1415,
148.0911

 101.2500,
-25.2662, 124.3148

 118.5470,
-22.4547, 109.1453

 135.2570,
-19.3537, 94.4906

 151.9670,
-16.2527, 79.8359

 169.2640,
-13.4412, 64.6665

■ 185.9740,
-10.3402, 50.0118

■ 202.6840, -7.2392,
35.3571

■ 219.3940, -4.1382,
20.7025

■ 236.6910, -1.3267,
5.5330

Harmonies

Analogous

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



88.5570, 9.5854, 145.9705



84.5400, -28.3672, 138.9694



113.2060, -55.8106, 74.3643

Triad

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



84.5400, -28.3672, 138.9694



93.7500, -21.5688, -82.2188



104.2060, 74.3414, -91.3887

Complementary

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



84.5400, -28.3672, 138.9694



173.4600, 28.3672, -138.9694

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.



115.9460, 68.5536, -101.6846



84.5400, -28.3672, 138.9694



106.2440, 16.1487, -93.1760

Square

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



84.5400, -28.3672, 138.9694



90.2310, -44.4839, -58.9616



115.2500, 50.6557, -101.0743



121.6780, 65.7277, 11.6834

Rectangle

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



84.5400, -28.3672, 138.9694



115.0350, -56.7123, 36.8033



115.2500, 50.6557, -101.0743



109.4890, 71.7369, -96.0219

Sweetspot

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



84.5400, -28.3672, 138.9694



205.5710, -9.1555, 43.3492



104.6790, 68.1923, 108.1525



97.3840, -5.6123, 26.8502



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.



84.5400, -28.3672, 138.9694



77.7270, -31.9104, 155.4684



141.2850, -62.2585, 89.2041



113.7020, -1.3321, 7.2773



56.7540, -23.0497, 113.3487



17.9830, -7.3866, 35.9719

Inverse Universe

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



84.5400, -28.3672, 138.9694



77.7270, -31.9104, 155.4684



116.7150, 62.2585, -89.2041



113.7020, -1.3321, 7.2773



56.7540, -23.0497, 113.3487



17.9830, -7.3866, 35.9719

Previews

White Background



This preview shows how the YUV color 84.5400, -28.3672, 138.9694 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 84.5400, -28.3672, 138.9694 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 84.5400, -28.3672, 138.9694

Background



This preview shows how black text looks on a background with the YUV color 84.5400, -28.3672, 138.9694.



This preview shows how white text looks on a background with the YUV color 84.5400, -28.3672,

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

84.5400, -28.3672, 138.9694

Protanopia

118.6360, -34.8235, 16.1052

Deuteranopia

115.0240, -56.7068, 35.0590



Tritanopia

85.2720, -42.0391, 137.4505

Trichromacy



Original Color

84.5400, -28.3672, 138.9694

Protanomaly

106.4920, -32.7806, 60.9585

Deuteranomaly

104.0130, -46.3484, 72.7796

Tritanomaly

84.6510, -36.8029, 137.9951

Monochromacy



Original Color

84.5400, -28.3672, 138.9694

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9740, -10.3402, 50.0118

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5400, -28.3672, 138.9694 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(243, 15, 27)` looks like.

```
.text, #text, p{  
    color:rgb(243, 15, 27)  
}
```

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(243, 15, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 15, 27) }
```

Border

The CSS property to change the border of an element to YUV 84.5400, -28.3672, 138.9694 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(243, 15, 27) }
```


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

```
.border{ border-color:rgb(243, 15, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 15, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 15, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 15, 27);  
box-shadow:4px 4px 4px 4px rgb(243, 15,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 84.5400, -28.3672, 138.9694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 15, 27) }
```

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

```
.background{ background-color: rgb(243, 15,  
27) }
```

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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