

Converting Colors

YUV(88.2420, -29.6993,
146.2468)

Have a look what the booklet for
YUV(88.2420, -29.6993, 146.2468)
contains.

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Color

**YUV(88.2420, -29.6993,
146.2468)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0F1C
RGB	255, 15, 28
RGB Percent	100%, 6%, 11%
CMY	0.0000, 0.9412, 0.8902
CMYK	0.00, 0.94, 0.89, 0.00
HSL	357°, 100%, 53%
HSV	357°, 94%, 100%
XYZ	41.6204, 21.6855, 3.0907
YIQ	88.2420, 138.8670, 54.9230

Conversions

Conversions Part 2

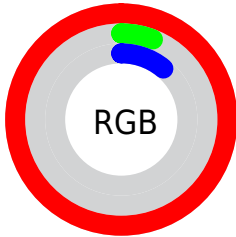
Format	Color
R_{YB}	255, 15, 28
Decimal	16715548
CIE _{Lab}	53.69, 79.29, 59.15
CIE _{LCh}	54, 98.923, 36.722
Yxy	21.6855, 0.6268, 0.3266
Android (android.graphics.Color)	4294905628 (0xFFFF0F1C)
YUV	88.2420, -29.6993, 146.2468
Hunter-Lab	46.5677, 78.0431, 28.6623

Details

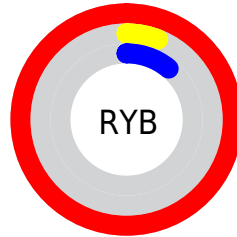
The YUV color **88.2420, -29.6993, 146.2468** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **181.7580, 29.6993, -146.2468**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7230, -32.8944, 97.5899**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **77.8410, -31.4736, 155.3684**, and if you desaturate by 10%, it is **106.2400, -26.7403, 130.4625**.

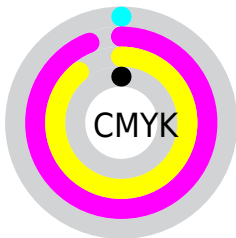
Distribution



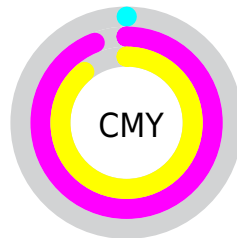
- Red (100%)
- Green (6%)
- Blue (11%)



- Red (100%)
- Yellow (6%)
- Blue (11%)



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





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

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2420, -29.6993, 146.2468 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 88.2420, -29.6993, 146.2468 by changing the saturation by 10% instead.


 88.2420, -29.6993,
146.2468

 88.2420, -29.6993,
146.2468


255.0000, 0.0000,
0.0000


 66.1930, -32.1401,
135.7657


 143.7230,
-32.8944, 97.5899


 56.2120, -27.7125,
115.5781


 164.7700,
-30.9456, 79.1317

 46.0460, -22.7007,
94.6757


 185.3440,
-28.2706, 61.0883

 36.5920, -17.5469,
74.9028

 206.5050,
-25.8850, 42.5301

 27.2520, -11.9562,
55.0300

 227.3070,
-22.3364, 24.2868

 17.8690, -7.8234,
36.0719


 248.5820,


 5.9800, -2.9481,


-19.5139, 5.6286


12.2955


 253.0620, -7.4256,
1.6996


 0.0000, 0.0000,
0.0000


 88.2420, -29.6993,
146.2468

 88.2420, -29.6993,
146.2468


 77.8410, -31.4736,
155.3684

 106.2400,
-26.7403, 130.4625

 123.6510,
-23.4919, 115.1931

 141.6490,
-20.5330, 99.4088

 159.0600,
-17.2846, 84.1394

 177.1720,
-13.8888, 68.2552

■ 194.5830,
-10.6404, 52.9857

■ 212.5810, -7.6814,
37.2015

■ 229.9920, -4.4331,
21.9320

■ 247.9900, -1.4741,
6.1478

Harmonies

Analogous

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



89.2410, 12.2062, 145.3706



88.2420, -29.6993, 146.2468



119.1310, -58.7316, 77.9381

Triad

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



88.2420, -29.6993, 146.2468



98.9020, -22.1367, -86.7371



108.3150, 72.3157, -94.9923

Complementary

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



88.2420, -29.6993, 146.2468



181.7580, 29.6993, -146.2468

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.



120.0550, 66.5279, -105.2882



88.2420, -29.6993, 146.2468



111.1510, 17.1806, -97.4794

Square

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



88.2420, -29.6993, 146.2468



94.6280, -46.6516, -63.6948



121.3140, 53.5822, -106.3924



126.4180, 63.3909, 14.5424

Rectangle

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



88.2420, -29.6993, 146.2468



120.6500, -59.4804, 38.0180



121.3140, 53.5822, -106.3924



113.5980, 69.7112, -99.6254

Sweetspot

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



88.2420, -29.6993, 146.2468



205.5710, -9.1555, 43.3492



109.3360, 71.8124, 113.7153



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.



88.2420, -29.6993, 146.2468



77.8410, -31.4736, 155.3684



147.8080, -65.4743, 94.0074



118.8870, -1.9163, 7.9921



58.2490, -23.7868, 116.4226



19.4780, -8.1237, 39.0458

Inverse Universe

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



88.2420, -29.6993, 146.2468



77.8410, -31.4736, 155.3684



122.1920, 65.4743, -94.0074



118.8870, -1.9163, 7.9921



58.2490, -23.7868, 116.4226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 88.2420, -29.6993, 146.2468 looks on a white background.

Color Contrast Check

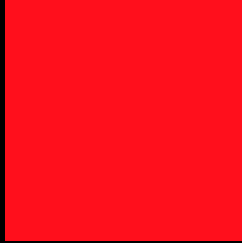
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.2420, -29.6993, 146.2468 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 88.2420, -29.6993, 146.2468

Background



This preview shows how black text looks on a background with the YUV color 88.2420, -29.6993, 146.2468.



This preview shows how white text looks on a background with the YUV color 88.2420, -29.6993,

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

88.2420, -29.6993, 146.2468

Protanopia

124.4790, -36.7181, 17.1199

Deuteranopia

120.9380, -59.6224, 36.8884



Tritanopia

89.4470, -44.0974, 144.3130

Trichromacy



Original Color

88.2420, -29.6993, 146.2468

Protanomaly

111.4600, -34.2438, 63.6176

Deuteranomaly

109.0520, -48.8326, 76.2534

Tritanomaly

88.8260, -38.8612, 144.8576

Monochromacy



Original Color

88.2420, -29.6993, 146.2468

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8820, -10.7878, 53.6005

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2420, -29.6993, 146.2468 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(255, 15, 28)` looks like.

```
.text, #text, p{  
    color:rgb(255, 15, 28)  
}
```

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(255, 15, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 15, 28) }
```

Border

The CSS property to change the border of an element to YUV 88.2420, -29.6993, 146.2468 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(255, 15, 28) }
```


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

```
.border{ border-color:rgb(255, 15, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 15, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 15, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 15, 28);  
box-shadow:4px 4px 4px 4px rgb(255, 15,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 88.2420, -29.6993, 146.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 15, 28) }
```

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

```
.background{ background-color: rgb(255, 15,  
28) }
```

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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