

Converting Colors

YUV(89.3820, -25.3313,
145.2470)

Have a look what the booklet for
YUV(89.3820, -25.3313, 145.2470)
contains.

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Color

**YUV(89.3820, -25.3313,
145.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0F26
RGB	255, 15, 38
RGB Percent	100%, 6%, 15%
CMY	0.0000, 0.9412, 0.8510
CMYK	0.00, 0.94, 0.85, 0.00
HSL	354°, 100%, 53%
HSV	354°, 94%, 100%
XYZ	41.7607, 21.7416, 3.8292
YIQ	89.3820, 135.6570, 58.0330

Conversions

Conversions Part 2

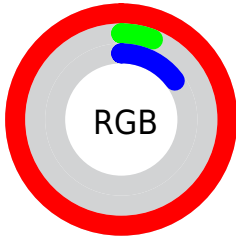
Format	Color
R_{YB}	255, 15, 38
Decimal	16715558
CIE _{Lab}	53.75, 79.46, 54.74
CIE _{LCh}	54, 96.487, 34.561
Yxy	21.7416, 0.6202, 0.3229
Android (android.graphics.Color)	4294905638 (0xFFFF0F26)
YUV	89.3820, -25.3313, 145.2470
Hunter-Lab	46.6279, 78.2687, 27.7704

Details

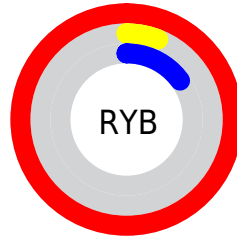
The YUV color **89.3820, -25.3313, 145.2470** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **180.6180, 25.3313, -145.2470**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.7490, -28.9633, 96.6901**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **78.9810, -27.1056, 154.3687**, and if you desaturate by 10%, it is **107.2660, -22.8091, 129.5627**.

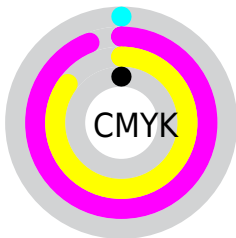
Distribution



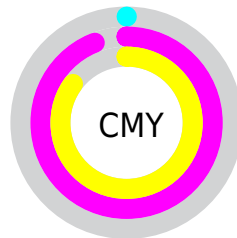
- Red (100%)
- Green (6%)
- Blue (15%)



- Red (100%)
- Yellow (6%)
- Blue (15%)



- Cyan (0%)
- Magenta (94%)
- Yellow (85%)
- Black (0%)





- Cyan (0%)
- Magenta (94%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.3820, -25.3313, 145.2470 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 89.3820, -25.3313, 145.2470 by changing the saturation by 10% instead.


 89.3820, -25.3313,
145.2470

 89.3820, -25.3313,
145.2470


255.0000, 0.0000,
0.0000

 67.6750, -26.4618,
134.4660


 144.7490,
-28.9633, 96.6901


 56.2120, -27.7125,
115.5781


 165.7960,
-27.0144, 78.2319


 46.3450, -22.8481,
95.2904


 186.9570,
-24.6288, 59.6737

 36.5920, -17.5469,
74.9028

 207.5310,
-21.9538, 41.6303

 27.5510, -12.1036,
55.6448

 228.3330,
-18.4052, 23.3870


 17.9830, -7.3866,
35.9719

 249.7220,


 6.2790, -3.0955,


-15.1459, 4.6288


12.9103


 254.0880, -3.4944,
0.7998


 0.0000, 0.0000,
0.0000


 89.3820, -25.3313,
145.2470

 89.3820, -25.3313,
145.2470


 78.9810, -27.1056,
154.3687

 107.2660,
-22.8091, 129.5627

 124.5630,
-19.9976, 114.3932

 142.4470,
-17.4754, 98.7090

 159.7440,
-14.6638, 83.5395

 177.6280,
-12.1416, 67.8552

■ 194.9250, -9.3300,
52.6858

■ 212.8090, -6.8078,
37.0015

■ 230.1060, -3.9963,
21.8320

■ 248.1040, -1.0373,
6.0478

Harmonies

Analogous

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



89.9250, 14.8270, 144.7708



89.3820, -25.3313, 145.2470



118.2670, -58.3056, 81.3268

Triad

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



89.3820, -25.3313, 145.2470



97.7450, -24.0313, -85.7224



109.4890, 71.7369, -96.0219

Complementary

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



89.3820, -25.3313, 145.2470



180.6180, 25.3313, -145.2470

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



89.3820, -25.3313, 145.2470



110.4670, 14.5598, -96.8796

Square

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



89.3820, -25.3313, 145.2470



101.2170, -49.9000, -48.4253



119.8150, 50.3772, -105.0778



126.0640, 63.5654, 5.2059

Rectangle

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



89.3820, -25.3313, 145.2470



120.9710, -59.6387, 42.1214



119.8150, 50.3772, -105.0778



114.1850, 69.4218, -100.1402

Sweetspot

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



89.3820, -25.3313, 145.2470



205.9130, -7.8451, 43.0493



106.9440, 72.9916, 108.7971



97.6120, -4.7387, 26.6503



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.



89.3820, -25.3313, 145.2470



78.9810, -27.1056, 154.3687



143.1120, -63.1592, 98.1258



119.0010, -1.4795, 7.8921



59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459

Inverse Universe

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



89.3820, -25.3313, 145.2470



78.9810, -27.1056, 154.3687



126.8880, 63.1592, -98.1258



119.0010, -1.4795, 7.8921



59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 89.3820, -25.3313, 145.2470 looks on a white background.

Color Contrast Check

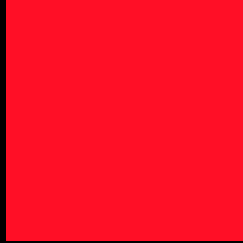
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.3820, -25.3313, 145.2470 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 89.3820, -25.3313, 145.2470

Background



This preview shows how black text looks on a background with the YUV color 89.3820, -25.3313, 145.2470.



This preview shows how white text looks on a background with the YUV color 89.3820, -25.3313,

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

89.3820, -25.3313, 145.2470

Protanopia

125.5480, -31.3292, 15.3054

Deuteranopia

120.9380, -59.6224, 36.8884



Tritanopia

89.1590, -43.9554, 145.4426

Trichromacy



Original Color

89.3820, -25.3313, 145.2470

Protanomaly

112.7140, -29.4390, 62.5178

Deuteranomaly

109.5080, -47.0854, 75.8535

Tritanomaly

88.9940, -36.9720, 145.5873

Monochromacy



Original Color

89.3820, -25.3313, 145.2470

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9250, -9.3300, 52.6858

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3820, -25.3313, 145.2470 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, 38)` looks like.

```
.text, #text, p{  
    color:rgb(255, 15, 38)  
}
```

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, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 15, 38) }
```

Border

The CSS property to change the border of an element to YUV 89.3820, -25.3313, 145.2470 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, 38) }
```


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

```
.border{ border-color:rgb(255, 15, 38) }
```

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, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 15, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 15, 38);  
box-shadow:4px 4px 4px 4px rgb(255, 15,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 89.3820, -25.3313, 145.2470 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, 38) }
```

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

```
.background{ background-color: rgb(255, 15,  
38) }
```

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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