

Converting Colors

YUV(107.2830, -25.2825,
129.5478)

Have a look what the booklet for
YUV(107.2830, -25.2825, 129.5478)
contains.

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Color

**YUV(107.2830, -25.2825,
129.5478)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2A38
RGB	255, 42, 56
RGB Percent	100%, 16%, 22%
CMY	0.0000, 0.8353, 0.7804
CMYK	0.00, 0.84, 0.78, 0.00
HSL	356°, 100%, 58%
HSV	356°, 84%, 100%
XYZ	42.7818, 23.2015, 5.9649
YIQ	107.2830, 122.4540, 49.5100

Conversions

Conversions Part 2

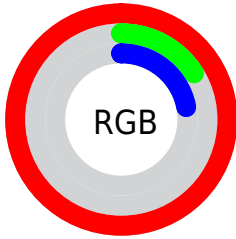
Format	Color
R_{YB}	255, 42, 56
Decimal	16722488
CIE _{Lab}	55.28, 75.95, 46.94
CIE _{LCh}	55, 89.282, 31.716
Yxy	23.2015, 0.5946, 0.3225
Android (android.graphics.Color)	4294912568 (0xFFFF2A38)
YUV	107.2830, -25.2825, 129.5478
Hunter-Lab	48.1679, 74.2464, 26.3754

Details

The YUV color **107.2830, -25.2825, 129.5478** 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 **189.7170, 25.2825, -129.5478**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.2580, -24.2842, 89.2277**, and **57.8790, -22.6183, 114.9931** is the 20% darker color. If you saturate the color by 10%, you get **89.2850, -28.2415, 145.3321**, and if you desaturate by 10%, it is **124.6940, -22.0341, 114.2784**.

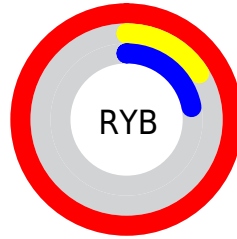
Distribution



Red (100%)

Green (16%)

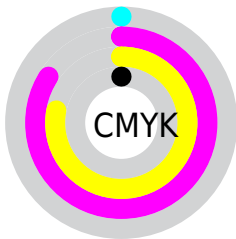
Blue (22%)



Red (100%)

Yellow (16%)

Blue (22%)

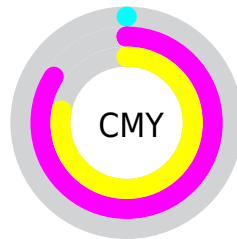


Cyan (0%)

Magenta (84%)

Yellow (78%)

Black (0%)



Cyan (0%)


Magenta (84%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.2830, -25.2825, 129.5478 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 107.2830, -25.2825, 129.5478 by changing the saturation by 10% instead.


 107.2830,
-25.2825, 129.5478

 107.2830,
-25.2825, 129.5478


255.0000, 0.0000,
0.0000

 70.2540, -17.8732,
133.0812


 153.2580,
-24.2842, 89.2277


 57.8790, -22.6183,
114.9931


 174.3050,
-22.3354, 70.7695


 46.6440, -22.9955,
95.9052


 194.4060,
-18.9342, 53.1409

 37.0760, -18.2785,
76.2323

 215.0940,
-15.8223, 34.9976

 27.8500, -12.2510,
56.2596

 236.3690,
-12.9999, 16.3394

 18.8800, -7.8288,
37.8162

 253.1760, -6.9888,

 7.5890, -3.2484,

1.5996

15.2694

■ 0.0000, 0.0000,
0.0000

■ 107.2830,
-25.2825, 129.5478

■ 107.2830,
-25.2825, 129.5478

■ 89.2850, -28.2415,
145.3321

■ 124.6940,
-22.0341, 114.2784

■ 78.1830, -30.1632,
155.0685

■ 142.6920,
-19.0752, 98.4941

■ 160.5760,
-16.5530, 82.8098

■ 177.9870,
-13.3046, 67.5404

■ 195.9850,
-10.3456, 51.7562

213.3960, -7.0972,
36.4867

231.3940, -4.1382,
20.7025

248.8050, -0.8899,
5.4330

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



91.2930, 20.0686, 143.5710



107.2830, -25.2825, 129.5478



122.1100, -60.2002, 82.3415

Triad

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



107.2830, -25.2825, 129.5478



99.7340, -24.0259, -87.4667



112.4240, 70.2900, -98.5958

Complementary

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



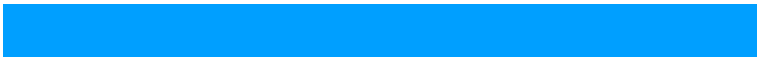
107.2830, -25.2825, 129.5478



189.7170, 25.2825, -129.5478

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.



122.4030, 65.3703, -107.3474



107.2830, -25.2825, 129.5478



111.6580, 11.5076, -97.9241

Square

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



107.2830, -25.2825, 129.5478



110.4750, -54.4642, -31.1116



120.5500, 45.5778, -105.7223



130.4280, 61.4140, -4.7604

Rectangle

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



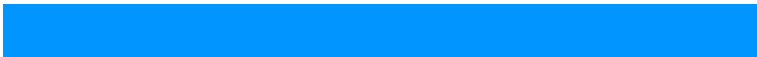
107.2830, -25.2825, 129.5478



125.1350, -61.6916, 47.2396



120.5500, 45.5778, -105.7223



116.5330, 68.2642, -102.1994

Sweetspot

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



107.2830, -25.2825, 129.5478



210.5920, -7.6869, 38.9458



125.7830, 63.7040, 101.0453



101.0030, -4.4385, 23.6764



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.



107.2830, -25.2825, 129.5478



78.1830, -30.1632, 155.0685



159.6910, -58.0217, 83.5860



119.0010, -1.4795, 7.8921



58.5910, -22.4764, 116.1227



19.5920, -7.6869, 38.9458

Inverse Universe

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



107.2830, -25.2825, 129.5478



78.1830, -30.1632, 155.0685



137.3090, 58.0217, -83.5860



119.0010, -1.4795, 7.8921



58.5910, -22.4764, 116.1227



19.5920, -7.6869, 38.9458

Previews

White Background



This preview shows how the YUV color 107.2830, -25.2825, 129.5478 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 107.2830, -25.2825, 129.5478 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 107.2830, -25.2825, 129.5478 Background



This preview shows how black text looks on a background with the YUV color 107.2830, -25.2825, 129.5478.



This preview shows how white text looks on a background with the YUV color 107.2830, -25.2825, 129.5478.

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

107.2830, -25.2825, 129.5478

Protanopia

130.7740, -24.0456, 12.4762

Deuteranopia

128.1560, -43.4609, 33.1892



Tritanopia

106.9750, -31.5397, 129.8179

Trichromacy



Original Color

107.2830, -25.2825, 129.5478

Protanomaly

122.3370, -24.3231, 54.9555

Deuteranomaly

120.2110, -36.5860, 68.2210

Tritanomaly

106.9580, -29.0663, 129.8328

Monochromacy



Original Color

107.2830, -25.2825, 129.5478

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8920, -9.3138, 47.4527

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2830, -25.2825, 129.5478 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, 42, 56)` looks like.

```
.text, #text, p{  
    color:rgb(255, 42, 56)  
}
```

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, 42, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 42, 56) }
```

Border

The CSS property to change the border of an element to YUV 107.2830, -25.2825, 129.5478 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, 42, 56) }
```


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

```
.border{ border-color:rgb(255, 42, 56) }
```

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

Here you see how a box with a 4 pixel rgb(255, 42, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 42, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 42, 56);  
box-shadow:4px 4px 4px 4px rgb(255, 42,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 107.2830, -25.2825, 129.5478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 42, 56) }
```

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

```
.background{ background-color: rgb(255, 42,  
56) }
```

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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