

Converting Colors

YUV(116.6250, -27.4231,
116.0929)

Have a look what the booklet for
YUV(116.6250, -27.4231, 116.0929)
contains.

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Color

**YUV(116.6250, -27.4231,
116.0929)**

Conversions

Conversions Part 1

Format	Color
Hex	F93C3D
RGB	249, 60, 61
RGB Percent	98%, 24%, 24%
CMY	0.0235, 0.7647, 0.7608
CMYK	0.00, 0.76, 0.76, 0.02
HSL	360°, 94%, 61%
HSV	360°, 76%, 98%
XYZ	41.5251, 23.7084, 6.8024
YIQ	116.6250, 112.3230, 40.3790

Conversions

Conversions Part 2

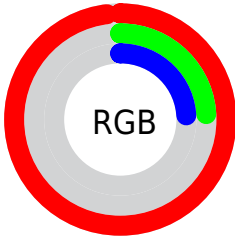
Format	Color
R_{YB}	249, 60, 61
Decimal	16333885
CIE Lab	55.79, 69.94, 44.42
CIE LCh	56, 82.854, 32.424
Yxy	23.7084, 0.5764, 0.3291
Android (android.graphics.Color)	4294523965 (0xFFFF93C3D)
YUV	116.6250, -27.4231, 116.0929
Hunter-Lab	48.6912, 67.0195, 25.8007

Details

The YUV color **116.6250, -27.4231, 116.0929** 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 **192.3750, 27.4231, -116.0929**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2850, -25.2835, 83.0651**, and **56.9540, -19.6973, 111.4193** is the 20% darker color. If you saturate the color by 10%, you get **99.1000, -31.1083, 131.4623**, and if you desaturate by 10%, it is **134.1500, -23.7379, 100.7235**.

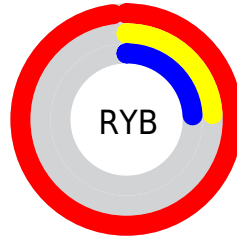
Distribution



Red (98%)

Green (24%)

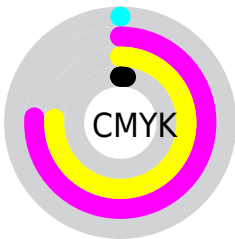
Blue (24%)



Red (98%)

Yellow (24%)

Blue (24%)

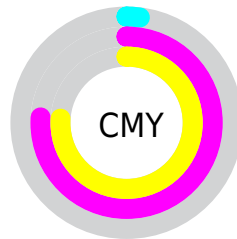


Cyan (0%)

Magenta (76%)

Yellow (76%)

Black (2%)



Cyan (2%)


Magenta (76%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.6250, -27.4231, 116.0929 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 116.6250, -27.4231, 116.0929 by changing the saturation by 10% instead.


 116.6250,
-27.4231, 116.0929


 116.6250,
-27.4231, 116.0929


255.0000, 0.0000,
0.0000

 77.7210, -19.5825,
121.2707


 160.2850,
-25.2835, 83.0651


 56.9540, -19.6973,
111.4193


 180.2720,
-22.3191, 65.5365


 45.4480, -22.4059,
93.4461


 200.8460,
-19.6441, 47.4931

 35.8800, -17.6888,
73.7732

 221.0610,
-15.8061, 29.7645

 26.5400, -12.0982,
53.9004

 241.7490,
-12.6943, 11.6211

 17.8690, -7.8234,
36.0719

 253.8600, -4.3680,

 5.9800, -2.9481,

0.9998

12.2955

■ 0.0000, 0.0000,
0.0000

■ 116.6250,
-27.4231, 116.0929

■ 116.6250,
-27.4231, 116.0929

■ 99.1000, -31.1083,
131.4623

■ 134.1500,
-23.7379, 100.7235

■ 81.5750, -34.7935,
146.8317

■ 151.6750,
-20.0528, 85.3540

■ 74.5650, -36.2675,
152.9795

■ 169.0860,
-16.8044, 70.0846

■ 186.6110,
-13.1192, 54.7152

■ 204.1360, -9.4340,
39.3457

■ 221.0740, -5.4595,
24.4911

■ 238.4850, -2.2111,
9.2217

■ 253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



105.8540, 12.3970, 130.8010



116.6250, -27.4231, 116.0929



124.1480, -61.2050, 77.9232

Triad

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



116.6250, -27.4231, 116.0929



100.8740, -19.6579, -88.4665



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.



116.6250, -27.4231, 116.0929



192.3750, 27.4231, -116.0929

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.



121.8160, 65.6597, -106.8326



116.6250, -27.4231, 116.0929



112.0000, 12.8180, -98.2240

Square

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



116.6250, -27.4231, 116.0929



113.1550, -55.7854, -27.3229



120.2080, 44.2675, -105.4224



133.9940, 59.6560, -0.8717

Rectangle

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



116.6250, -27.4231, 116.0929



125.7110, -61.9755, 44.9805



120.2080, 44.2675, -105.4224



115.9460, 68.5536, -101.6846

Sweetspot

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



116.6250, -27.4231, 116.0929



213.7550, -8.2602, 36.1719



137.1600, 55.1371, 95.4527



102.7640, -5.3067, 22.1320



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.



116.6250, -27.4231, 116.0929



92.4820, -33.7616, 142.5283



169.9280, -54.1945, 69.3461



116.0010, -1.4795, 7.8921



56.6250, -27.4231, 116.0929



18.2390, -8.9918, 37.5014

Inverse Universe

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



116.6250, -27.4231, 116.0929



92.4820, -33.7616, 142.5283



139.0720, 54.1945, -69.3461



116.0010, -1.4795, 7.8921



56.6250, -27.4231, 116.0929



18.2390, -8.9918, 37.5014

Previews

White Background



This preview shows how the YUV color 116.6250, -27.4231, 116.0929 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 116.6250, -27.4231, 116.0929 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 116.6250, -27.4231, 116.0929 Background



This preview shows how black text looks on a background with the YUV color 116.6250, -27.4231, 116.0929.



This preview shows how white text looks on a background with the YUV color 116.6250, -27.4231, 116.0929.

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

116.6250, -27.4231, 116.0929

Protanopia

131.8880, -23.6088, 12.3762

Deuteranopia

129.9540, -40.4033, 32.4893



Tritanopia

116.7390, -26.9863, 115.9929

Trichromacy



Original Color

116.6250, -27.4231, 116.0929

Protanomaly

126.1900, -24.7437, 49.8224

Deuteranomaly

125.4060, -35.6962, 62.7879

Tritanomaly

116.7390, -26.9863, 115.9929

Monochromacy



Original Color

116.6250, -27.4231, 116.0929

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7450, -9.7343, 42.3196

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6250, -27.4231, 116.0929 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(249, 60, 61)` looks like.

```
.text, #text, p{  
    color:rgb(249, 60, 61)  
}
```

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(249, 60, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 60, 61) }
```

Border

The CSS property to change the border of an element to YUV 116.6250, -27.4231, 116.0929 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(249, 60, 61) }
```


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

```
.border{ border-color:rgb(249, 60, 61) }
```

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

Here you see how a box with a 4 pixel rgb(249, 60, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 60, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 60, 61);  
box-shadow:4px 4px 4px 4px rgb(249, 60,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 116.6250, -27.4231, 116.0929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 60, 61) }
```

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

```
.background{ background-color: rgb(249, 60,  
61) }
```

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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