

Converting Colors

YUV(117.2120, -27.7125,
115.5781)

Have a look what the booklet for
YUV(117.2120, -27.7125, 115.5781)
contains.

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Color

**YUV(117.2120, -27.7125,
115.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	F93D3D
RGB	249, 61, 61
RGB Percent	98%, 24%, 24%
CMY	0.0235, 0.7608, 0.7608
CMYK	0.00, 0.76, 0.76, 0.02
HSL	0°, 94%, 61%
HSV	0°, 76%, 98%
XYZ	41.5780, 23.8141, 6.8201
YIQ	117.2120, 112.0480, 39.8560

Conversions

Conversions Part 2

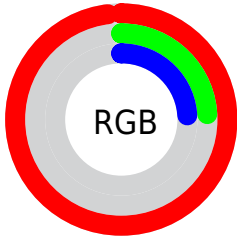
Format	Color
RYB	249, 61, 61
Decimal	16334141
CIELab	55.90, 69.64, 44.54
CIElCh	56, 82.664, 32.602
Yxy	23.8141, 0.5758, 0.3298
Android (android.graphics.Color)	4294524221 (0xFFFF93D3D)
YUV	117.2120, -27.7125, 115.5781
Hunter-Lab	48.7997, 66.6846, 25.8737

Details

The YUV color **117.2120, -27.7125, 115.5781** 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 **192.7880, 27.7125, -115.5781**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8720, -25.5729, 82.5503**, and **56.9540, -19.6973, 111.4193** is the 20% darker color. If you saturate the color by 10%, you get **99.6870, -31.3977, 130.9475**, and if you desaturate by 10%, it is **134.7370, -24.0273, 100.2087**.

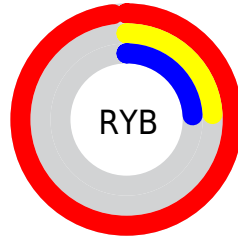
Distribution



Red (98%)

Green (24%)

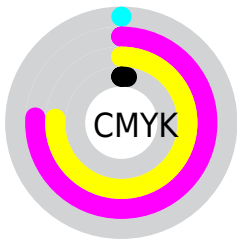
Blue (24%)



Red (98%)

Yellow (24%)

Blue (24%)

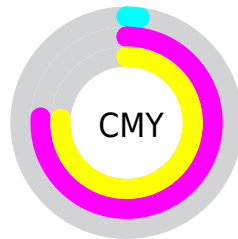


Cyan (0%)

Magenta (76%)

Yellow (76%)

Black (2%)



Cyan (2%)


Magenta (76%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.2120, -27.7125, 115.5781 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 117.2120, -27.7125, 115.5781 by changing the saturation by 10% instead.


 117.2120,
-27.7125, 115.5781


 117.2120,
-27.7125, 115.5781


255.0000, 0.0000,
0.0000

 78.8950, -20.1612,
120.2411


 160.8720,
-25.5729, 82.5503


 56.9540, -19.6973,
111.4193


 180.8590,
-22.6085, 65.0217


 45.4480, -22.4059,
93.4461


 200.8460,
-19.6441, 47.4931

 35.8800, -17.6888,
73.7732

 221.6480,
-16.0955, 29.2497

 26.5400, -12.0982,
53.9004

 242.3360,
-12.9836, 11.1063

 17.8690, -7.8234,
36.0719

 253.8600, -4.3680,

 5.9800, -2.9481,

0.9998

12.2955

■ 0.0000, 0.0000,
0.0000

■ 117.2120,
-27.7125, 115.5781

■ 117.2120,
-27.7125, 115.5781

■ 99.6870, -31.3977,
130.9475

■ 134.7370,
-24.0273, 100.2087

■ 82.1620, -35.0829,
146.3169

■ 152.2620,
-20.3422, 84.8392

■ 74.4510, -36.7043,
153.0795

■ 169.7870,
-16.6570, 69.4698

■ 187.3120,
-12.9718, 54.1004

■ 204.8370, -9.2866,
38.7310

221.6610, -5.7489,
23.9763

239.1860, -2.0637,
8.6069

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.



107.0280, 11.8182, 129.7714



117.2120, -27.7125, 115.5781



124.7350, -61.4944, 77.4084

Triad

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



117.2120, -27.7125, 115.5781



100.9880, -19.2211, -88.5665



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.



117.2120, -27.7125, 115.5781



192.7880, 27.7125, -115.5781

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



117.2120, -27.7125, 115.5781



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.



117.2120, -27.7125, 115.5781



113.1550, -55.7854, -27.3229



120.2080, 44.2675, -105.4224



134.2930, 59.5086, -0.2570

Rectangle

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



117.2120, -27.7125, 115.5781



126.2980, -62.2649, 44.4657



120.2080, 44.2675, -105.4224



116.5330, 68.2642, -102.1994

Sweetspot

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



117.2120, -27.7125, 115.5781



213.6410, -8.6970, 36.2718



138.6440, 54.4055, 96.7822



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.



117.2120, -27.7125, 115.5781



92.3680, -34.1984, 142.6283



172.3900, -54.9153, 67.1870



115.8870, -1.9163, 7.9921



56.5110, -27.8599, 116.1929



18.2390, -8.9918, 37.5014

Inverse Universe

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



192.7880, 27.7125, -115.5781



185.6320, 34.1984, -142.6283



137.6100, 54.9153, -67.1870



121.1130, 1.9163, -7.9921



132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Previews

White Background



This preview shows how the YUV color 117.2120, -27.7125, 115.5781 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 117.2120, -27.7125, 115.5781 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 117.2120, -27.7125, 115.5781 Background



This preview shows how black text looks on a background with the YUV color 117.2120, -27.7125, 115.5781.



This preview shows how white text looks on a background with the YUV color 117.2120, -27.7125, 115.5781.

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

117.2120, -27.7125, 115.5781

Protanopia

131.8880, -23.6088, 12.3762

Deuteranopia

130.8400, -40.8401, 32.5893



Tritanopia

117.3260, -27.2757, 115.4781

Trichromacy



Original Color

117.2120, -27.7125, 115.5781

Protanomaly

126.1900, -24.7437, 49.8224

Deuteranomaly

125.9930, -35.9855, 62.2731

Tritanomaly

117.3260, -27.2757, 115.4781

Monochromacy



Original Color

117.2120, -27.7125, 115.5781

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.3320, -10.0237, 41.8048

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2120, -27.7125, 115.5781 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, 61, 61)` looks like.

```
.text, #text, p{  
    color:rgb(249, 61, 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, 61, 61) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 117.2120, -27.7125, 115.5781 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, 61, 61) }
```


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

```
.border{ border-color:rgb(249, 61, 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, 61, 61) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 117.2120, -27.7125, 115.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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