

Converting Colors

YUV(121.9750, -34.9907,
116.6629)

Have a look what the booklet for
YUV(121.9750, -34.9907, 116.6629)
contains.

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Color

**YUV(121.9750, -34.9907,
116.6629)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4433
RGB	255, 68, 51
RGB Percent	100%, 27%, 20%
CMY	0.0000, 0.7333, 0.8000
CMYK	0.00, 0.73, 0.80, 0.00
HSL	5°, 100%, 60%
HSV	5°, 80%, 100%
XYZ	43.9047, 25.6333, 5.7656
YIQ	121.9750, 116.9090, 34.3570

Conversions

Conversions Part 2

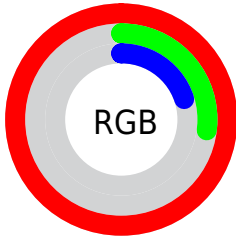
Format	Color
R_{YB}	255, 70, 51
Decimal	16729139
CIE _{Lab}	57.69, 68.89, 51.94
CIE _{LCh}	58, 86.280, 37.016
Yxy	25.6333, 0.5830, 0.3404
Android (android.graphics.Color)	4294919219 (0xFFFF4433)
YUV	121.9750, -34.9907, 116.6629
Hunter-Lab	50.6293, 66.1902, 28.6886

Details

The YUV color **121.9750, -34.9907, 116.6629** 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 **184.0250, 34.9907, -116.6629**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7810, -30.9510, 80.8761**, and **56.8530, -26.5495, 115.8929** is the 20% darker color. If you saturate the color by 10%, you get **105.5100, -39.6914, 131.1027**, and if you desaturate by 10%, it is **138.4400, -30.2899, 102.2231**.

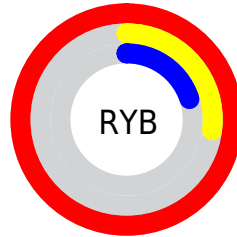
Distribution



Red (100%)

Green (27%)

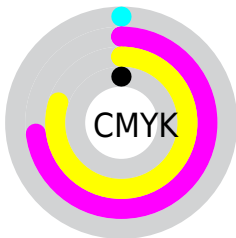
Blue (20%)



Red (100%)

Yellow (27%)

Blue (20%)

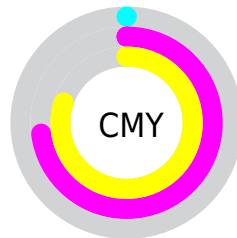


Cyan (0%)

Magenta (73%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.9750, -34.9907, 116.6629 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 121.9750, -34.9907, 116.6629 by changing the saturation by 10% instead.


 121.9750,
-34.9907, 116.6629


 121.9750,
-34.9907, 116.6629


255.0000, 0.0000,
0.0000


 87.0660, -29.6125,
118.3371


 162.7810,
-30.9510, 80.8761


 56.8530, -26.5495,
115.8929


 183.2410,
-28.7128, 62.9326


 46.9430, -23.1429,
96.5200


 203.3420,
-25.3116, 45.3041

 37.3750, -18.4259,
76.8471

 223.4430,
-21.9104, 27.6755

 27.9210, -13.2721,
57.0743

 244.1310,
-18.7986, 9.5321

 19.4780, -8.1237,
39.0458

 252.7200, -8.7360,

 8.7850, -3.8380,

1.9996

17.7286

■ 0.0000, 0.0000,
0.0000

■ 121.9750,
-34.9907, 116.6629

■ 121.9750,
-34.9907, 116.6629

■ 105.5100,
-39.6914, 131.1027

■ 138.4400,
-30.2899, 102.2231

■ 88.5720, -43.6660,
145.9574

■ 155.3780,
-26.3154, 87.3685

■ 171.8430,
-21.6146, 72.9287

■ 188.7810,
-17.6400, 58.0741

■ 205.2460,
-12.9393, 43.6343

■ 221.5970, -8.6753,
29.2944

■ 238.6490, -4.2640,
14.3398

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.



101.5340, 11.0757, 134.5897



121.9750, -34.9907, 116.6629



129.4310, -63.8095, 73.2900

Triad

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



121.9750, -34.9907, 116.6629



106.5790, -15.5684, -93.4698



113.0110, 70.0006, -99.1106

Complementary

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



121.9750, -34.9907, 116.6629



184.0250, 34.9907, -116.6629

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.



124.1640, 64.5021, -108.8918



121.9750, -34.9907, 116.6629



117.4600, 18.5072, -103.0124

Square

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



121.9750, -34.9907, 116.6629



112.4800, -55.4526, -40.7630



125.7820, 50.3935, -110.3108



139.9960, 56.6970, 14.9125

Rectangle

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



121.9750, -34.9907, 116.6629



130.0970, -64.1378, 38.5029



125.7820, 50.3935, -110.3108



117.7070, 67.6854, -103.2290

Sweetspot

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



121.9750, -34.9907, 116.6629



215.1740, -10.4388, 34.9274



133.3140, 51.6102, 106.7186



103.8240, -6.3222, 21.2024



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.



121.9750, -34.9907, 116.6629



95.5820, -42.1919, 139.8096



181.8490, -64.5086, 64.1534



119.4740, -2.2057, 7.4773



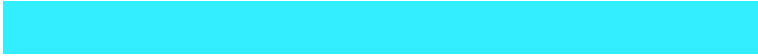
66.5010, -32.7850, 109.1856



22.0710, -10.8810, 36.7717

Inverse Universe

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



184.0250, 34.9907, -116.6629



170.0050, 41.9025, -140.3244



124.1510, 64.5086, -64.1534



122.9390, 2.4951, -6.9625



124.4990, 32.7850, -109.1856



41.3420, 11.1704, -36.2569

Previews

White Background



This preview shows how the YUV color 121.9750, -34.9907, 116.6629 looks on a white background.

Color Contrast Check

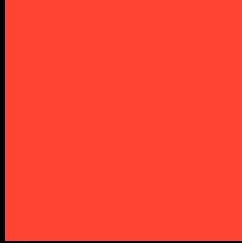
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.9750, -34.9907, 116.6629 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 121.9750, -34.9907, 116.6629 Background



This preview shows how black text looks on a background with the YUV color 121.9750, -34.9907, 116.6629.



This preview shows how white text looks on a background with the YUV color 121.9750, -34.9907, 116.6629.

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

121.9750, -34.9907, 116.6629

Protanopia

135.4340, -31.7660, 15.4054

Deuteranopia

133.6850, -49.1447, 36.2333



Tritanopia

122.8530, -26.5495, 115.8929

Trichromacy



Original Color

121.9750, -34.9907, 116.6629

Protanomaly

130.4370, -32.7534, 52.2368

Deuteranomaly

129.5390, -44.1427, 65.3023

Tritanomaly

122.6420, -29.8965, 116.0780

Monochromacy



Original Color

121.9750, -34.9907, 116.6629

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.6480, -12.6445, 42.4047

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9750, -34.9907, 116.6629 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, 68, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 68, 51)  
}
```

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, 68, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 68, 51) }
```

Border

The CSS property to change the border of an element to YUV 121.9750, -34.9907, 116.6629 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, 68, 51) }
```


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

```
.border{ border-color:rgb(255, 68, 51) }
```

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

Here you see how a box with a 4 pixel rgb(255, 68, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 68, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 68, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 68,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 121.9750, -34.9907, 116.6629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 68, 51) }
```

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

```
.background{ background-color: rgb(255, 68,  
51) }
```

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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