

Converting Colors

YUV(114.9750, -34.9907,
116.6629)

Have a look what the booklet for
YUV(114.9750, -34.9907, 116.6629)
contains.

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Color

**YUV(114.9750, -34.9907,
116.6629)**

Conversions

Conversions Part 1

Format	Color
Hex	F83D2C
RGB	248, 61, 44
RGB Percent	97%, 24%, 17%
CMY	0.0275, 0.7608, 0.8275
CMYK	0.00, 0.75, 0.82, 0.03
HSL	5°, 94%, 57%
HSV	5°, 82%, 97%
XYZ	40.8348, 23.4758, 4.7619
YIQ	114.9750, 116.9090, 34.3570

Conversions

Conversions Part 2

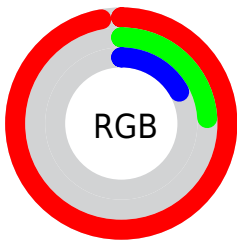
Format	Color
RYB	248, 63, 44
Decimal	16268588
CIELab	55.56, 68.84, 52.91
CIELCh	56, 86.825, 37.548
Yxy	23.4758, 0.5912, 0.3399
Android (android.graphics.Color)	4294458668 (0xFFFF83D2C)
YUV	114.9750, -34.9907, 116.6629
Hunter-Lab	48.4518, 65.6475, 28.0892

Details

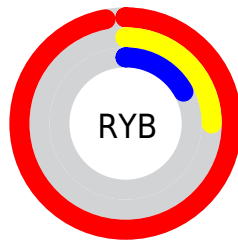
The YUV color **114.9750, -34.9907, 116.6629** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **177.0250, 34.9907, -116.6629**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3470, -32.7091, 84.7647**, and **54.4180, -26.8281, 111.8894** is the 20% darker color. If you saturate the color by 10%, you get **98.6240, -39.2546, 131.0028**, and if you desaturate by 10%, it is **131.3260, -30.7267, 102.3231**.

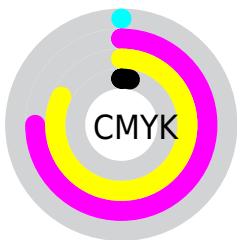
Distribution



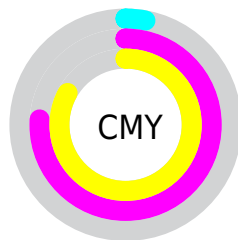
- Red (97%)
- Green (24%)
- Blue (17%)



- Red (97%)
- Yellow (25%)
- Blue (17%)



- Cyan (0%)
- Magenta (75%)
- Yellow (82%)
- Black (3%)



- Cyan (3%)
- Magenta (76%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.9750, -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 114.9750, -34.9907, 116.6629 by changing the saturation by 10% instead.

■ 114.9750,
-34.9907, 116.6629

■ 114.9750,
-34.9907, 116.6629

255.0000, 0.0000,
0.0000

■ 77.1310, -28.1656,
120.9111

■ 158.3470,
-32.7091, 84.7647

■ 54.4180, -26.8281,
111.8894

■ 178.3340,
-29.7447, 67.2361

■ 44.8500, -22.1110,
92.2166

■ 198.9080,
-27.0696, 49.1927

■ 35.2820, -17.3940,
72.5437

■ 219.0090,
-23.6684, 31.5641

■ 26.2410, -11.9508,
53.2856

■ 239.8110,
-20.1198, 13.3208

■ 17.2710, -7.5286,
34.8423

■ 251.8080,

■ 4.7840, -2.3585,

-12.2303, 2.7994

9.8364

■ 0.0000, 0.0000,
0.0000

■ 114.9750,
-34.9907, 116.6629

■ 114.9750,
-34.9907, 116.6629

■ 98.6240, -39.2546,
131.0028

■ 131.3260,
-30.7267, 102.3231

■ 86.4790, -42.6341,
141.6539

■ 147.0900,
-26.1734, 88.4981

■ 163.3270,
-22.3462, 74.2582

■ 179.6780,
-18.0823, 59.9184

■ 196.0290,
-13.8183, 45.5786

211.7930, -9.2649,
31.7535

228.1440, -5.0010,
17.4137

244.3810, -1.1738,
3.1739

252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



89.6970, 13.9534, 144.9707



114.9750, -34.9907, 116.6629



124.4030, -61.3307, 71.5606

Triad

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



114.9750, -34.9907, 116.6629



102.6010, -15.5793, -89.9811



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.



114.9750, -34.9907, 116.6629



177.0250, 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.



120.6420, 66.2385, -105.8030



114.9750, -34.9907, 116.6629



113.4820, 18.4964, -99.5237

Square

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



114.9750, -34.9907, 116.6629



106.5550, -52.5316, -44.3367



121.8040, 50.3826, -106.8221



134.5770, 58.8755, 16.1570

Rectangle

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



114.9750, -34.9907, 116.6629



125.0690, -61.6590, 36.7735



121.8040, 50.3826, -106.8221



114.1850, 69.4218, -100.1402

Sweetspot

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



114.9750, -34.9907, 116.6629



213.6580, -11.1704, 36.2569



126.3140, 51.6102, 106.7186



102.4220, -6.6170, 22.4319



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.



114.9750, -34.9907, 116.6629



90.6750, -43.2238, 144.1130



174.8490, -64.5086, 64.1534



116.4740, -2.2057, 7.4773



65.9030, -32.4902, 107.9561



21.1740, -10.4388, 34.9274

Inverse Universe

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



177.0250, 34.9907, -116.6629



167.3250, 43.2238, -144.1130



117.1510, 64.5086, -64.1534



120.5260, 2.2057, -7.4773



123.0970, 32.4902, -107.9561



39.8260, 10.4388, -34.9274

Previews

White Background



This preview shows how the YUV color 114.9750, -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 114.9750, -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 114.9750, -34.9907, 116.6629 Background



This preview shows how black text looks on a background with the YUV color 114.9750, -34.9907, 116.6629.



This preview shows how white text looks on a background with the YUV color 114.9750, -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

114.9750, -34.9907, 116.6629

Protanopia

130.0920, -33.0764, 15.7053

Deuteranopia

127.5170, -51.0339, 35.5036



Tritanopia

115.6250, -27.4231, 116.0929

Trichromacy



Original Color

114.9750, -34.9907, 116.6629

Protanomaly

124.2090, -33.6270, 52.4367

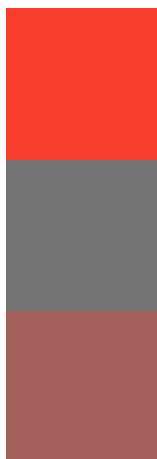
Deuteranomaly

122.8980, -45.3057, 64.9875

Tritanomaly

115.5280, -30.3333, 116.1779

Monochromacy



Original Color

114.9750, -34.9907, 116.6629

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.6480, -12.6445, 42.4047

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.9750, -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(248, 61, 44)` looks like.

```
.text, #text, p{  
    color:rgb(248, 61, 44)  
}
```

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(248, 61, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 61, 44) }
```

Border

The CSS property to change the border of an element to YUV 114.9750, -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(248, 61, 44) }
```


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

```
.border{ border-color:rgb(248, 61, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 61, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 61, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 61, 44);  
box-shadow:4px 4px 4px 4px rgb(248, 61,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 114.9750, -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(248, 61, 44) }
```

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

```
.background{ background-color: rgb(248, 61,  
44) }
```

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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