

Converting Colors

YUV(114.0070, -33.5275,
114.0039)

Have a look what the booklet for
YUV(114.0070, -33.5275, 114.0039)
contains.

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Color

**YUV(114.0070, -33.5275,
114.0039)**

Conversions

Conversions Part 1

Format	Color
Hex	F43D2E
RGB	244, 61, 46
RGB Percent	96%, 24%, 18%
CMY	0.0431, 0.7608, 0.8196
CMYK	0.00, 0.75, 0.81, 0.04
HSL	5°, 90%, 57%
HSV	5°, 81%, 96%
XYZ	39.4701, 22.7678, 4.8991
YIQ	114.0070, 113.8830, 34.1310

Conversions

Conversions Part 2

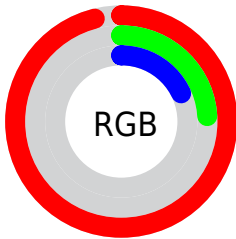
Format	Color
RYB	244, 62, 46
Decimal	16006446
CIELab	54.83, 67.72, 50.99
CIELCh	55, 84.771, 36.978
Yxy	22.7678, 0.5879, 0.3391
Android (android.graphics.Color)	4294196526 (0xFFFF43D2E)
YUV	114.0070, -33.5275, 114.0039
Hunter-Lab	47.7157, 64.1518, 27.3135

Details

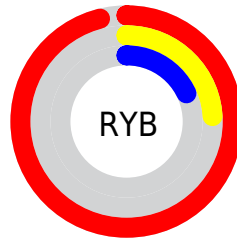
The YUV color **114.0070, -33.5275, 114.0039** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **175.9930, 33.5275, -114.0039**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5750, -31.8355, 84.5647**, and **53.5210, -26.3859, 110.0451** is the 20% darker color. If you saturate the color by 10%, you get **97.7700, -37.3546, 128.2437**, and if you desaturate by 10%, it is **130.2440, -29.7003, 99.7640**.

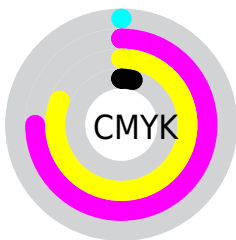
Distribution



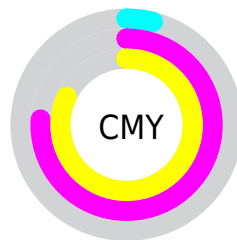
- Red (96%)
- Green (24%)
- Blue (18%)



- Red (96%)
- Yellow (24%)
- Blue (18%)



- Cyan (0%)
- Magenta (75%)
- Yellow (81%)
- Black (4%)





- Cyan (4%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.0070, -33.5275, 114.0039 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 114.0070, -33.5275, 114.0039 by changing the saturation by 10% instead.


 114.0070,
-33.5275, 114.0039


 114.0070,
-33.5275, 114.0039


255.0000, 0.0000,
0.0000

 77.4510, -26.8443,
117.1225


 158.5750,
-31.8355, 84.5647


 53.5210, -26.3859,
110.0451


 178.5620,
-28.8711, 67.0361


 43.9530, -21.6688,
90.3722


 198.5490,
-25.9067, 49.5075

 34.3850, -16.9518,
70.6994

 218.6500,
-22.5055, 31.8789

 25.3440, -11.5086,
51.4413

 239.3380,
-19.3936, 13.7356

 16.3740, -7.0864,
32.9980

 252.0360,

 1.7940, -0.8844,

-11.3567, 2.5994

3.6887

■ 0.0000, 0.0000,
0.0000

■ 114.0070,
-33.5275, 114.0039

■ 114.0070,
-33.5275, 114.0039

■ 97.7700, -37.3546,
128.2437

■ 130.2440,
-29.7003, 99.7640

■ 83.5220, -41.1763,
140.7392

■ 146.0080,
-25.1469, 85.9390

■ 162.2450,
-21.3198, 71.6991

■ 178.0090,
-16.7664, 57.8741

■ 194.2460,
-12.9393, 43.6343

209.8960, -8.8227,
29.9092

226.2470, -4.5588,
15.5694

241.8970, -0.4422,
1.8443

251.7110, 1.6215,
-6.7625

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



114.0070, -33.5275, 114.0039



122.3320, -60.3097, 70.7458

Triad

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



114.0070, -33.5275, 114.0039



101.1990, -15.8741, -88.7515



108.9020, 72.0263, -95.5071

Complementary

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



114.0070, -33.5275, 114.0039



175.9930, 33.5275, -114.0039

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.



119.4680, 66.8173, -104.7734



114.0070, -33.5275, 114.0039



111.8520, 17.3280, -98.0942

Square

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



114.0070, -33.5275, 114.0039



105.6910, -52.1057, -40.9480



119.4730, 49.0668, -104.7778



132.9250, 57.7180, 14.0978

Rectangle

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



114.0070, -33.5275, 114.0039



123.5960, -60.9328, 37.1883



119.4730, 49.0668, -104.7778



113.0110, 70.0006, -99.1106

Sweetspot

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



114.0070, -33.5275, 114.0039



214.5870, -10.1494, 35.4422



126.2920, 51.6210, 103.2299



103.2370, -6.0328, 21.7172



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.



114.0070, -33.5275, 114.0039



92.4190, -41.6186, 142.5835



170.9460, -61.5984, 64.0684



114.1750, -2.0583, 6.8625



63.8320, -31.4692, 107.1413



19.9890, -9.8546, 34.2126

Inverse Universe

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



175.9930, 33.5275, -114.0039



169.9940, 41.9080, -142.0687



119.0540, 61.5984, -64.0684



117.8250, 2.0583, -6.8625



122.1680, 31.4692, -107.1413



38.4240, 10.1440, -33.6978

Previews

White Background



This preview shows how the YUV color 114.0070, -33.5275, 114.0039 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 114.0070, -33.5275, 114.0039 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 114.0070, -33.5275, 114.0039 Background



This preview shows how black text looks on a background with the YUV color 114.0070, -33.5275, 114.0039.



This preview shows how white text looks on a background with the YUV color 114.0070, -33.5275, 114.0039.

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

114.0070, -33.5275, 114.0039

Protanopia

128.5480, -31.3292, 15.3054

Deuteranopia

126.2010, -48.4131, 34.9037



Tritanopia

114.5430, -26.3967, 113.5338

Trichromacy



Original Color

114.0070, -33.5275, 114.0039

Protanomaly

123.2520, -32.1692, 51.5220

Deuteranomaly

121.8700, -42.8269, 63.2580

Tritanomaly

114.5600, -28.8701, 113.5189

Monochromacy



Original Color

114.0070, -33.5275, 114.0039

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0500, -12.3496, 41.1752

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0070, -33.5275, 114.0039 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(244, 61, 46)` looks like.

```
.text, #text, p{  
    color:rgb(244, 61, 46)  
}
```

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(244, 61, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 61, 46) }
```

Border

The CSS property to change the border of an element to YUV 114.0070, -33.5275, 114.0039 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(244, 61, 46) }
```


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

```
.border{ border-color:rgb(244, 61, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 61, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 61, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 61, 46);  
box-shadow:4px 4px 4px 4px rgb(244, 61,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 114.0070, -33.5275, 114.0039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 61, 46) }
```

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

```
.background{ background-color: rgb(244, 61,  
46) }
```

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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