

Converting Colors

YUV(110.9410, -30.0439,
116.6927)

Have a look what the booklet for
YUV(110.9410, -30.0439, 116.6927)
contains.

YUV(110.9410, -30.0439, 116.6927)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(110.9410, -30.0439,
116.6927)**

Conversions

Conversions Part 1

Format	Color
Hex	F43732
RGB	244, 55, 50
RGB Percent	96%, 22%, 20%
CMY	0.0431, 0.7843, 0.8039
CMYK	0.00, 0.77, 0.80, 0.04
HSL	2°, 90%, 58%
HSV	2°, 80%, 96%
XYZ	39.2501, 22.1958, 5.2331
YIQ	110.9410, 114.2490, 38.5130

Conversions

Conversions Part 2

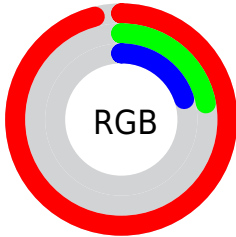
Format	Color
R_{YB}	244, 55, 50
Decimal	16004914
CIE _{Lab}	54.23, 69.61, 48.38
CIE _{LCh}	54, 84.766, 34.800
Yxy	22.1958, 0.5886, 0.3329
Android (android.graphics.Color)	4294194994 (0xFFFF43732)
YUV	110.9410, -30.0439, 116.6927
Hunter-Lab	47.1124, 66.2648, 26.3929

Details

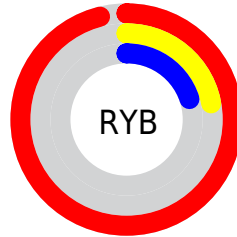
The YUV color **110.9410, -30.0439, 116.6927** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **183.0590, 30.0439, -116.6927**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6830, -28.9307, 86.2240**, and **53.9770, -24.6387, 109.6452** is the 20% darker color. If you saturate the color by 10%, you get **94.1170, -33.5817, 131.4474**, and if you desaturate by 10%, it is **127.7650, -26.5061, 101.9381**.

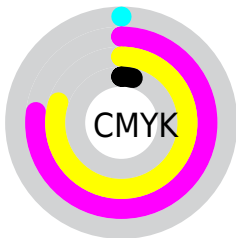
Distribution



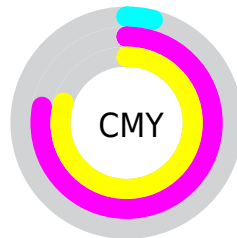
- Red (96%)
- Green (22%)
- Blue (20%)



- Red (96%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (77%)
- Yellow (80%)
- Black (4%)



- Cyan (4%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.9410, -30.0439, 116.6927 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 110.9410, -30.0439, 116.6927 by changing the saturation by 10% instead.

■ 110.9410,
-30.0439, 116.6927

■ 110.9410,
-30.0439, 116.6927

255.0000, 0.0000,
0.0000

■ 67.3410, -19.8881,
125.9889

■ 156.6830,
-28.9307, 86.2240

■ 53.9770, -24.6387,
109.6452

■ 176.5560,
-26.4031, 68.7954

■ 43.6540, -21.5214,
89.7574

■ 196.5430,
-23.4387, 51.2668

■ 34.0860, -16.8044,
70.0846

■ 217.2310,
-20.3269, 33.1234

■ 25.3440, -11.5086,
51.4413

■ 238.0330,
-16.7783, 14.8801

■ 16.0750, -6.9390,
32.3832

■ 252.3780,

■ 1.1960, -0.5896,

-10.0464, 2.2995

2.4591

■ 0.0000, 0.0000,
0.0000

■ 110.9410,
-30.0439, 116.6927

■ 110.9410,
-30.0439, 116.6927

■ 94.1170, -33.5817,
131.4474

■ 127.7650,
-26.5061, 101.9381

■ 77.1790, -37.5562,
146.3020

■ 144.7030,
-22.5316, 87.0835

■ 76.4780, -37.7037,
146.9168

■ 160.9400,
-18.7044, 72.8436

■ 177.8780,
-14.7299, 57.9890

■ 194.7020,
-11.1921, 43.2343

■ 211.5260, -7.6543,
28.4797

■ 227.8770, -3.3904,
14.1399

■ 244.7010, 0.1474,
-0.6148

■ 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.



89.7400, 15.4112, 144.0560



110.9410, -30.0439, 116.6927



120.5820, -59.4469, 74.0346

Triad

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



110.9410, -30.0439, 116.6927



98.6400, -18.0635, -86.5073



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.



110.9410, -30.0439, 116.6927



183.0590, 30.0439, -116.6927

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.



118.8810, 67.1067, -104.2586



110.9410, -30.0439, 116.6927



109.8800, 14.8492, -96.3648

Square

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



110.9410, -30.0439, 116.6927



106.6100, -52.5587, -35.6150



118.0880, 46.2986, -103.5632



130.4510, 59.9237, 6.6205

Rectangle

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



110.9410, -30.0439, 116.6927



121.8460, -60.0701, 40.4771



118.0880, 46.2986, -103.5632



113.0110, 70.0006, -99.1106

Sweetspot

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



110.9410, -30.0439, 116.6927



212.8260, -9.2812, 36.9866



129.7800, 54.8315, 100.1709



102.0630, -5.4541, 22.7467



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.



110.9410, -30.0439, 116.6927



88.8800, -37.4088, 145.6872



166.7060, -57.5361, 67.7868



113.5880, -1.7689, 7.3773



58.5490, -28.8647, 111.7745



18.8150, -9.2758, 35.2422

Inverse Universe

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



183.0590, 30.0439, -116.6927



179.1200, 37.4088, -145.6872



127.2940, 57.5361, -67.7868



118.4120, 1.7689, -7.3773



127.4510, 28.8647, -111.7745



40.1850, 9.2758, -35.2422

Previews

White Background



This preview shows how the YUV color 110.9410, -30.0439, 116.6927 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 110.9410, -30.0439, 116.6927 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 110.9410, -30.0439, 116.6927 Background



This preview shows how black text looks on a background with the YUV color 110.9410, -30.0439, 116.6927.



This preview shows how white text looks on a background with the YUV color 110.9410, -30.0439, 116.6927.

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

110.9410, -30.0439, 116.6927

Protanopia

127.1610, -27.6874, 13.8908

Deuteranopia

124.8140, -44.7713, 33.4891



Tritanopia

110.9240, -27.5705, 116.7077

Trichromacy



Original Color

110.9410, -30.0439, 116.6927

Protanomaly

121.4630, -28.8223, 51.3369

Deuteranomaly

119.4940, -39.1905, 63.5878

Tritanomaly

110.6960, -28.4441, 116.9076

Monochromacy



Original Color

110.9410, -30.0439, 116.6927

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1040, -10.8973, 42.0048

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.9410, -30.0439, 116.6927 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, 55, 50)` looks like.

```
.text, #text, p{  
    color:rgb(244, 55, 50)  
}
```

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, 55, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 55, 50) }
```

Border

The CSS property to change the border of an element to YUV 110.9410, -30.0439, 116.6927 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, 55, 50) }
```


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

```
.border{ border-color:rgb(244, 55, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 55, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 55, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 55, 50);  
box-shadow:4px 4px 4px 4px rgb(244, 55,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 110.9410, -30.0439, 116.6927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 55, 50) }
```

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

```
.background{ background-color: rgb(244, 55,  
50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor