

Converting Colors

YUV(114.7770, -11.2291,
101.9276)

Have a look what the booklet for
YUV(114.7770, -11.2291, 101.9276)
contains.

YUV(114.7770, -11.2291, 101.9276)	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(114.7770, -11.2291,
101.9276)**

Conversions

Conversions Part 1

Format	Color
Hex	E73C5C
RGB	231, 60, 92
RGB Percent	91%, 24%, 36%
CMY	0.0941, 0.7647, 0.6392
CMYK	0.00, 0.74, 0.60, 0.09
HSL	349°, 78%, 57%
HSV	349°, 74%, 91%
XYZ	36.5026, 20.9933, 12.2534
YIQ	114.7770, 91.6440, 46.2040

Conversions

Conversions Part 2

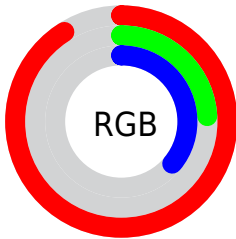
Format	Color
R_{YB}	231, 60, 92
Decimal	15154268
CIE _{Lab}	52.94, 66.27, 22.31
CIE _{LCh}	53, 69.928, 18.602
Yxy	20.9933, 0.5233, 0.3010
Android (android.graphics.Color)	4293344348 (0xFFE73C5C)
YUV	114.7770, -11.2291, 101.9276
Hunter-Lab	45.8185, 62.0248, 16.2168

Details

The YUV color **114.7770, -11.2291, 101.9276** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **176.2230, 11.2291, -101.9276**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.8730, -10.2904, 80.7954**, and **55.5900, -4.2349, 98.5836** is the 20% darker color. If you saturate the color by 10%, you get **99.1100, -12.8722, 115.6675**, and if you desaturate by 10%, it is **130.4440, -9.5859, 88.1876**.

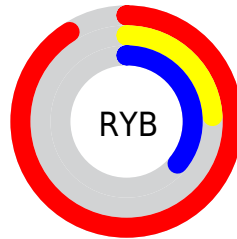
Distribution



Red (91%)

Green (24%)

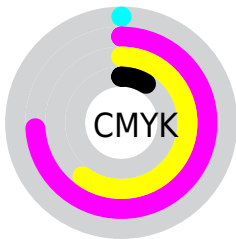
Blue (36%)



Red (91%)

Yellow (24%)

Blue (36%)

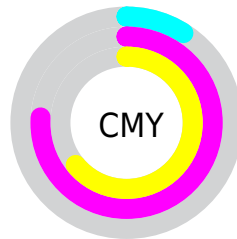


Cyan (0%)

Magenta (74%)

Yellow (60%)

Black (9%)



Cyan (9%)


Magenta (76%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.7770, -11.2291, 101.9276 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 114.7770, -11.2291, 101.9276 by changing the saturation by 10% instead.


 114.7770,
-11.2291, 101.9276

 114.7770,
-11.2291, 101.9276


255.0000, 0.0000,
0.0000


 78.8190, -4.8408,
106.2757


 162.8730,
-10.2904, 80.7954


 55.5900, -4.2349,
98.5836


 182.8600, -7.3260,
63.2668


 44.0410, -8.4012,
81.5250


 202.9610, -3.9248,
45.6382

 31.9930, -15.7725,
65.7811

 223.1760, -0.0868,
27.9096

 23.2510, -10.4767,
47.1379

 244.0920, 3.8986,
9.5663

 14.2810, -6.0545,
28.6946

 0.0000, 0.0000,

0.0000

■ 114.7770,
-11.2291, 101.9276

■ 114.7770,
-11.2291, 101.9276

■ 99.1100, -12.8722,
115.6675

■ 130.4440, -9.5859,
88.1876

■ 83.4430, -14.5154,
129.4075

■ 146.1110, -7.9427,
74.4477

■ 73.9710, -15.2687,
137.7144

■ 161.6640, -6.7364,
60.8077

■ 177.3310, -5.0932,
47.0677

■ 193.5850, -3.7394,
32.8130

■ 209.2520, -2.0962,
19.0730

■ 224.8050, -0.8899,
5.4330

■ 240.4720, 0.7533,
-8.3069

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



119.2140, 16.1635, 89.2663



114.7770, -11.2291, 101.9276



119.0340, -41.4288, 81.5312

Triad

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



114.7770, -11.2291, 101.9276



98.5910, -30.3644, -61.0313



110.1100, 66.5008, -96.5665

Complementary

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



114.7770, -11.2291, 101.9276



176.2230, 11.2291, -101.9276

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.



112.6740, 50.9397, -98.8151



114.7770, -11.2291, 101.9276



100.7380, 0.1292, -88.3472

Square

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



114.7770, -11.2291, 101.9276



114.2280, -56.3144, 2.4310



108.3930, 26.9213, -95.0607



116.8650, 61.6916, -47.2396

Rectangle

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



114.7770, -11.2291, 101.9276



118.7220, -58.5299, 59.8798



108.3930, 26.9213, -95.0607



112.3610, 62.4330, -98.5406

Sweetspot

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



114.7770, -11.2291, 101.9276



216.8840, -3.8868, 33.4277



120.4570, 54.4977, 67.1282



104.9640, -1.9543, 20.2026



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.



114.7770, -11.2291, 101.9276



100.7750, -14.6791, 135.2553



141.0660, -39.9655, 78.8721



106.8160, -0.8953, 7.1774



57.2830, -11.9715, 106.7458



16.3890, -3.1498, 30.3538

Inverse Universe

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



114.7770, -11.2291, 101.9276



100.7750, -14.6791, 135.2553



149.9340, 39.9655, -78.8721



106.8160, -0.8953, 7.1774



57.2830, -11.9715, 106.7458



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 114.7770, -11.2291, 101.9276 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 114.7770, -11.2291, 101.9276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

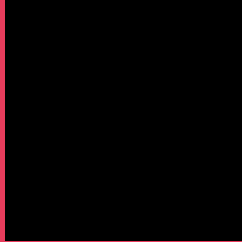
Any Text WCAG AA ✓ Pass

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 114.7770, -11.2291, 101.9276 Background



This preview shows how black text looks on a background with the YUV color 114.7770, -11.2291, 101.9276.

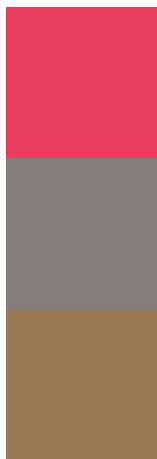


This preview shows how white text looks on a background with the YUV color 114.7770, -11.2291, 101.9276.

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

114.7770, -11.2291, 101.9276

Protanopia

126.7400, -2.3368, 2.8590

Deuteranopia

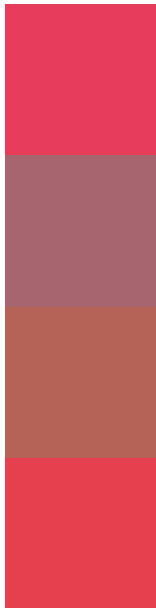
125.9370, -21.1679, 22.8573



Tritanopia

114.6770, -23.0118, 101.1383

Trichromacy



Original Color

114.7770, -11.2291, 101.9276

Protanomaly

122.4610, -5.6503, 39.0607

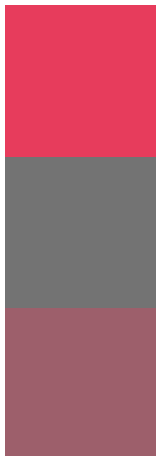
Deuteranomaly

122.0360, -17.7657, 51.7114

Tritanomaly

114.5290, -18.5018, 101.2681

Monochromacy



Original Color

114.7770, -11.2291, 101.9276

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9060, -3.8977, 36.9164

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7770, -11.2291, 101.9276 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(231, 60, 92)` looks like.

```
.text, #text, p{  
    color:rgb(231, 60, 92)  
}
```

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(231, 60, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 60, 92) }
```

Border

The CSS property to change the border of an element to YUV 114.7770, -11.2291, 101.9276 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(231, 60, 92) }
```


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

```
.border{ border-color:rgb(231, 60, 92) }
```

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

Here you see how a box with a 4 pixel rgb(231, 60, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 60, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 60, 92);  
box-shadow:4px 4px 4px 4px rgb(231, 60,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 114.7770, -11.2291, 101.9276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 60, 92) }
```

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

```
.background{ background-color: rgb(231, 60,  
92) }
```

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