

Converting Colors

YUV(113.5760, -29.8640,
105.6118)

Have a look what the booklet for
YUV(113.5760, -29.8640, 105.6118)
contains.

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Color

**YUV(113.5760, -29.8640,
105.6118)**

Conversions

Conversions Part 1

Format	Color
Hex	EA4035
RGB	234, 64, 53
RGB Percent	92%, 25%, 21%
CMY	0.0824, 0.7490, 0.7922
CMYK	0.00, 0.73, 0.77, 0.08
HSL	4°, 81%, 56%
HSV	4°, 77%, 92%
XYZ	36.4077, 21.4163, 5.5830
YIQ	113.5760, 104.8510, 32.6190

Conversions

Conversions Part 2

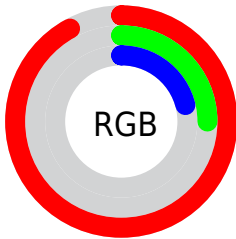
Format	Color
RYB	234, 65, 53
Decimal	15351861
CIELab	53.40, 63.98, 45.36
CIELCh	53, 78.424, 35.335
Yxy	21.4163, 0.5742, 0.3378
Android (android.graphics.Color)	4293541941 (0xFFEA4035)
YUV	113.5760, -29.8640, 105.6118
Hunter-Lab	46.2777, 59.4439, 25.2416

Details

The YUV color **113.5760, -29.8640, 105.6118** 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 **173.4240, 29.8640, -105.6118**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9600, -29.0673, 83.3501**, and **51.6280, -22.0016, 103.8122** is the 20% darker color. If you saturate the color by 10%, you get **98.0400, -33.5437, 119.2369**, and if you desaturate by 10%, it is **129.1120, -26.1842, 91.9868**.

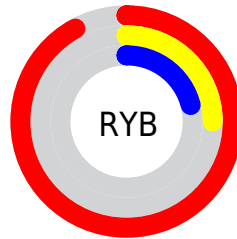
Distribution



Red (92%)

Green (25%)

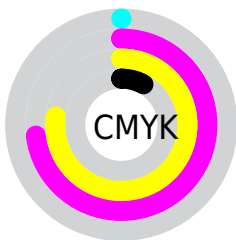
Blue (21%)



Red (92%)

Yellow (25%)

Blue (21%)

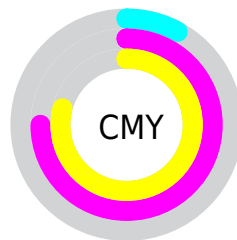


Cyan (0%)

Magenta (73%)

Yellow (77%)

Black (8%)



Cyan (8%)


Magenta (75%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.5760, -29.8640, 105.6118 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 113.5760, -29.8640, 105.6118 by changing the saturation by 10% instead.


 113.5760,
-29.8640, 105.6118

 113.5760,
-29.8640, 105.6118


255.0000, 0.0000,
0.0000

 80.2540, -24.7752,
106.7712


 159.9600,
-29.0673, 83.3501

 51.6280, -22.0016,
103.8122


 179.8330,
-26.5397, 65.9215


 41.2620, -20.3422,
84.8392


 199.3470,
-22.8491, 48.8077

 31.9930, -15.7725,
65.7811

 220.0350,
-19.7373, 30.6643

 23.2510, -10.4767,
47.1379

 240.1360,
-16.3360, 13.0357

 14.2810, -6.0545,
28.6946

 252.8340, -8.2992,

 0.0000, 0.0000,

1.8996

0.0000

■ 113.5760,
-29.8640, 105.6118

■ 113.5760,
-29.8640, 105.6118

■ 98.0400, -33.5437,
119.2369

■ 129.1120,
-26.1842, 91.9868

■ 82.3900, -37.6603,
132.9620

■ 144.7620,
-22.0677, 78.2617


■ 78.1840, -38.5447,
136.6506


■ 160.2980,
-18.3879, 64.6367

■ 175.9480,
-14.2714, 50.9116

■ 191.4840,
-10.5916, 37.2865

■ 207.0200, -6.9119,
23.6615

 222.6700, -2.7953,
9.9364

 238.2060, 0.8844,
-3.6887

 248.7210, 3.0955,
-12.9103

Harmonies

Analogous

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



105.0070, 6.8985, 121.0199



113.5760, -29.8640, 105.6118



119.0760, -58.7045, 69.2163

Triad

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



113.5760, -29.8640, 105.6118



97.4490, -15.0114, -85.4628



107.1410, 72.8945, -93.9627

Complementary

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



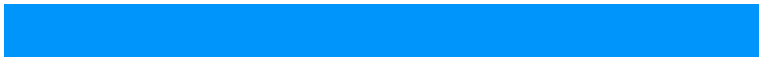
113.5760, -29.8640, 105.6118



173.4240, 29.8640, -105.6118

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.



116.0770, 66.5170, -101.7995



113.5760, -29.8640, 105.6118



107.3040, 15.1331, -94.1056

Square

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



113.5760, -29.8640, 105.6118



106.0450, -52.2802, -31.6115



114.9420, 44.3986, -100.8041



129.2680, 54.0979, 8.5350

Rectangle

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



113.5760, -29.8640, 105.6118



119.7640, -59.0437, 37.9180



114.9420, 44.3986, -100.8041



111.2500, 70.8688, -97.5662

Sweetspot

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



113.5760, -29.8640, 105.6118



215.9890, -9.8546, 34.2126



126.7270, 48.4486, 94.0784



103.9380, -5.8854, 21.1024



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.



113.5760, -29.8640, 105.6118



97.0810, -38.9869, 138.4950



165.8190, -55.6198, 59.7947



109.2890, -1.6215, 6.7625



60.5760, -29.8640, 105.6118



17.9070, -8.8282, 31.6536

Inverse Universe

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



173.4240, 29.8640, -105.6118



175.9190, 38.9869, -138.4950



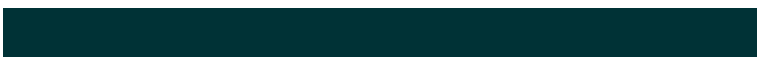
121.1810, 55.6198, -59.7947



113.7110, 1.6215, -6.7625



120.4240, 29.8640, -105.6118



35.5060, 9.1175, -31.1388

Previews

White Background



This preview shows how the YUV color 113.5760, -29.8640, 105.6118 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 113.5760, -29.8640, 105.6118 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 113.5760, -29.8640, 105.6118 Background



This preview shows how black text looks on a background with the YUV color 113.5760, -29.8640, 105.6118.



This preview shows how white text looks on a background with the YUV color 113.5760, -29.8640, 105.6118.

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

113.5760, -29.8640, 105.6118

Protanopia

125.5030, -26.3770, 13.5909

Deuteranopia

124.0140, -41.4189, 31.5597



Tritanopia

113.7700, -24.0436, 105.4417

Trichromacy



Original Color

113.5760, -29.8640, 105.6118

Protanomaly

121.3700, -27.7904, 47.0335

Deuteranomaly

120.3300, -37.1377, 58.4696

Tritanomaly

113.9010, -26.0802, 105.3268

Monochromacy



Original Color

113.5760, -29.8640, 105.6118

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0820, -10.8864, 38.5161

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5760, -29.8640, 105.6118 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(234, 64, 53)` looks like.

```
.text, #text, p{  
    color:rgb(234, 64, 53)  
}
```

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(234, 64, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 64, 53) }
```

Border

The CSS property to change the border of an element to YUV 113.5760, -29.8640, 105.6118 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(234, 64, 53) }
```


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

```
.border{ border-color:rgb(234, 64, 53) }
```

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

Here you see how a box with a 4 pixel rgb(234, 64, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 64, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 64, 53);  
box-shadow:4px 4px 4px 4px rgb(234, 64,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 113.5760, -29.8640, 105.6118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 64, 53) }
```

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

```
.background{ background-color: rgb(234, 64,  
53) }
```

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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