

Converting Colors

YUV(78.4760, -31.2937,
144.2875)

Have a look what the booklet for
YUV(78.4760, -31.2937, 144.2875)
contains.

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Color

**YUV(78.4760, -31.2937,
144.2875)**

Conversions

Conversions Part 1

Format	Color
Hex	F3070F
RGB	243, 7, 15
RGB Percent	95%, 3%, 6%
CMY	0.0471, 0.9725, 0.9412
CMYK	0.00, 0.97, 0.94, 0.05
HSL	358°, 94%, 49%
HSV	358°, 97%, 95%
XYZ	37.1244, 19.2411, 2.2092
YIQ	78.4760, 138.0880, 52.5200

Conversions

Conversions Part 2

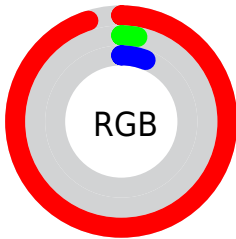
Format	Color
RYB	243, 7, 15
Decimal	15927055
CIELab	50.97, 76.84, 60.91
CIELCh	51, 98.052, 38.407
Yxy	19.2411, 0.6338, 0.3285
Android (android.graphics.Color)	4294117135 (0xFFFF3070F)
YUV	78.4760, -31.2937, 144.2875
Hunter-Lab	43.8647, 74.3080, 27.7193

Details

The YUV color **78.4760, -31.2937, 144.2875** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **171.5240, 31.2937, -144.2875**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5340, -36.2523, 101.2637**, and **52.6240, -25.9436, 108.2008** is the 20% darker color. If you saturate the color by 10%, you get **73.5690, -32.3255, 148.5910**, and if you desaturate by 10%, it is **95.1860, -28.1927, 129.6329**.

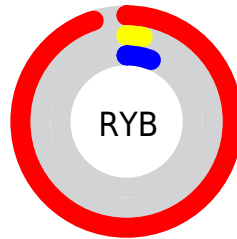
Distribution



Red (95%)

Green (3%)

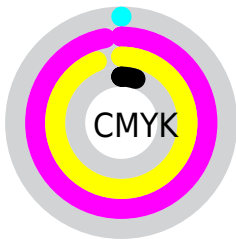
Blue (6%)



Red (95%)

Yellow (3%)

Blue (6%)

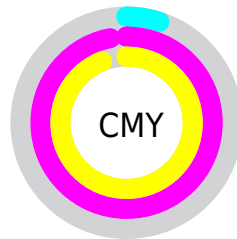


Cyan (0%)

Magenta (97%)

Yellow (94%)

Black (5%)



Cyan (5%)


Magenta (97%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.4760, -31.2937, 144.2875 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 78.4760, -31.2937, 144.2875 by changing the saturation by 10% instead.


 78.4760, -31.2937,
144.2875


 78.4760, -31.2937,
144.2875


255.0000, 0.0000,
0.0000

 62.4910, -30.8081,
128.4884


 139.5340,
-36.2523, 101.2637

 52.6240, -25.9436,
108.2008


 160.5810,
-34.3034, 82.8055


 42.7570, -21.0792,
87.9131


 181.7420,
-31.9178, 64.2473

 33.4170, -15.4886,
68.0403

 201.7290,
-28.9534, 46.7187

 24.6750, -10.1928,
49.3970

 223.0040,
-26.1310, 28.0605


 14.5800, -6.2019,
29.3093


 243.8060,


 0.0000, 0.0000,


-22.5824, 9.8171


0.0000


 251.6940,
-12.6671, 2.8994


 78.4760, -31.2937,
144.2875


 78.4760, -31.2937,
144.2875

 73.5690, -32.3255,
148.5910

 95.1860, -28.1927,
129.6329

 112.5970,
-24.9443, 114.3634

 129.3070,
-21.8434, 99.7088

 146.1310,
-18.3056, 84.9541

 162.8410,
-15.2046, 70.2994

■ 180.2520,
-11.9562, 55.0300

■ 196.9620, -8.8553,
40.3753

■ 213.7860, -5.3175,
25.6207

■ 231.0830, -2.5059,
10.4512

Harmonies

Analogous

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



87.8730, 6.9646, 146.5704



78.4760, -31.2937, 144.2875



112.8960, -55.6577, 72.0052

Triad

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



78.4760, -31.2937, 144.2875



94.0920, -20.2584, -82.5187



103.0320, 74.9202, -90.3591

Complementary

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



78.4760, -31.2937, 144.2875



171.5240, 31.2937, -144.2875

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.



115.3590, 68.8430, -101.1698



78.4760, -31.2937, 144.2875



106.8140, 18.3327, -93.6759

Square

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



78.4760, -31.2937, 144.2875



83.9410, -41.3829, -73.6163



116.0480, 53.7133, -101.7741



120.5480, 66.2848, 19.6904

Rectangle

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



78.4760, -31.2937, 144.2875



114.1270, -56.2646, 33.2146



116.0480, 53.7133, -101.7741



108.3150, 72.3157, -94.9923

Sweetspot

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



78.4760, -31.2937, 144.2875



203.4680, -9.5977, 45.1936



100.8800, 70.0652, 114.1152



96.5690, -6.1965, 27.5650



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.



78.4760, -31.2937, 144.2875



77.2710, -33.6576, 155.8683



139.7860, -65.4635, 90.5187



113.7020, -1.3321, 7.2773



56.2980, -24.7969, 113.7487



17.8690, -7.8234, 36.0719

Inverse Universe

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



78.4760, -31.2937, 144.2875



77.2710, -33.6576, 155.8683



110.2140, 65.4635, -90.5187



113.7020, -1.3321, 7.2773



56.2980, -24.7969, 113.7487



17.8690, -7.8234, 36.0719

Previews

White Background



This preview shows how the YUV color 78.4760, -31.2937, 144.2875 looks on a white background.

Color Contrast Check

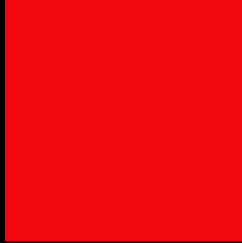
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.4760, -31.2937, 144.2875 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 78.4760, -31.2937, 144.2875

Background



This preview shows how black text looks on a background with the YUV color 78.4760, -31.2937, 144.2875.



This preview shows how white text looks on a background with the YUV color 78.4760, -31.2937,

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

78.4760, -31.2937, 144.2875

Protanopia

117.6810, -39.7757, 17.8198

Deuteranopia

115.0240, -56.7068, 35.0590



Tritanopia

84.9730, -41.8917, 136.8357

Trichromacy



Original Color

78.4760, -31.2937, 144.2875

Protanomaly

103.4770, -36.7172, 63.6027

Deuteranomaly

101.6820, -47.6642, 74.8239

Tritanomaly

82.9070, -38.4082, 139.5246

Monochromacy



Original Color

78.4760, -31.2937, 144.2875

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0560, -11.3666, 52.5709

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.4760, -31.2937, 144.2875 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(243, 7, 15)` looks like.

```
.text, #text, p{  
    color:rgb(243, 7, 15)  
}
```

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(243, 7, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 7, 15) }
```

Border

The CSS property to change the border of an element to YUV 78.4760, -31.2937, 144.2875 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(243, 7, 15) }
```


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

```
.border{ border-color:rgb(243, 7, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 7, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 7, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 7, 15);  
box-shadow:4px 4px 4px 4px rgb(243, 7, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.4760, -31.2937, 144.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 7, 15) }
```

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

```
.background{ background-color: rgb(243, 7,  
15) }
```

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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