

Converting Colors

YUV(92.0040, -15.2850,
142.9475)

Have a look what the booklet for
YUV(92.0040, -15.2850, 142.9475)
contains.

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Color

**YUV(92.0040, -15.2850,
142.9475)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0F3D
RGB	255, 15, 61
RGB Percent	100%, 6%, 24%
CMY	0.0000, 0.9412, 0.7608
CMYK	0.00, 0.94, 0.76, 0.00
HSL	348°, 100%, 53%
HSV	348°, 94%, 100%
XYZ	42.2531, 21.9386, 6.4225
YIQ	92.0040, 128.2740, 65.1860

Conversions

Conversions Part 2

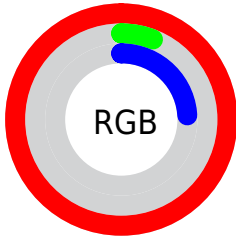
Format	Color
R_{YB}	255, 15, 61
Decimal	16715581
CIE _{Lab}	53.96, 80.04, 42.77
CIE _{LCh}	54, 90.753, 28.118
Yxy	21.9386, 0.5984, 0.3107
Android (android.graphics.Color)	4294905661 (0xFFFF0F3D)
YUV	92.0040, -15.2850, 142.9475
Hunter-Lab	46.8386, 79.0573, 24.6573

Details

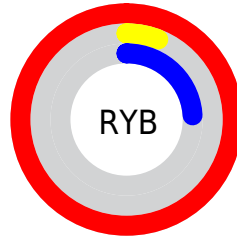
The YUV color **92.0040, -15.2850, 142.9475** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **177.9960, 15.2850, -142.9475**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3710, -18.9169, 94.3906**, and **58.6770, -19.5608, 114.2933** is the 20% darker color. If you saturate the color by 10%, you get **81.8310, -16.1857, 151.8692**, and if you desaturate by 10%, it is **109.6600, -13.6364, 127.4632**.

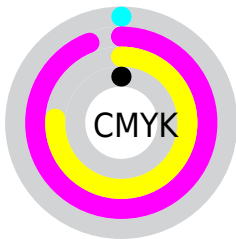
Distribution



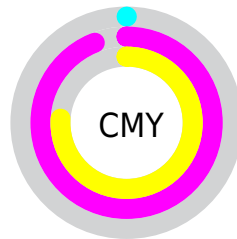
- Red (100%)
- Green (6%)
- Blue (24%)



- Red (100%)
- Yellow (6%)
- Blue (24%)



- Cyan (0%)
- Magenta (94%)
- Yellow (76%)
- Black (0%)





- Cyan (0%)
- Magenta (94%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 92.0040, -15.2850, 142.9475 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 92.0040, -15.2850, 142.9475 by changing the saturation by 10% instead.


 92.0040, -15.2850,
142.9475

 92.0040, -15.2850,
142.9475


255.0000, 0.0000,
0.0000

 70.8240, -15.6892,
132.5814


 147.3710,
-18.9169, 94.3906


 58.6770, -19.5608,
114.2933


 169.0050,
-17.2575, 75.4176

 46.6440, -22.9955,
95.9052


 189.5790,
-14.5824, 57.3742

 36.8910, -17.6943,
75.5176

 210.8540,
-11.7600, 38.7160

 27.8500, -12.2510,
56.2596

 231.6560, -8.2114,
20.4727

 18.2820, -7.5340,
36.5867

 253.1590, -4.5154,

 6.8770, -3.3904,

1.6146

14.1399

■ 0.0000, 0.0000,
0.0000

■ 92.0040, -15.2850,
142.9475

■ 92.0040, -15.2850,
142.9475

■ 81.8310, -16.1857,
151.8692

■ 109.6600,
-13.6364, 127.4632

■ 126.6150,
-12.1352, 112.5936

■ 144.2710,
-10.4866, 97.1093

■ 161.2260, -8.9854,
82.2398

■ 178.8820, -7.3368,
66.7555

■ 195.9510, -5.3988,
51.7860

■ 213.4930, -4.1870,
36.4016

■ 230.5620, -2.2491,
21.4321

■ 248.2180, -0.6005,
5.9478

Harmonies

Analogous

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



91.9770, 22.6893, 142.9712



92.0040, -15.2850, 142.9475



117.1370, -57.7485, 89.3339

Triad

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



92.0040, -15.2850, 142.9475



95.3340, -30.7307, -83.6079



112.4240, 70.2900, -98.5958

Complementary

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



92.0040, -15.2850, 142.9475



177.9960, 15.2850, -142.9475

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.



121.2290, 65.9491, -106.3178



92.0040, -15.2850, 142.9475



107.8280, 6.9868, -94.5652

Square

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



92.0040, -15.2850, 142.9475



109.6330, -54.0491, -24.2341



117.5350, 41.6412, -103.0782



122.6430, 65.2520, -22.4889

Rectangle

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



92.0040, -15.2850, 142.9475



121.3360, -59.8186, 53.2023



117.5350, 41.6412, -103.0782



115.9460, 68.5536, -101.6846

Sweetspot

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



92.0040, -15.2850, 142.9475



206.7110, -4.7875, 42.3495



99.7680, 76.5294, 94.0425



98.0680, -2.9915, 26.2504



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.



92.0040, -15.2850, 142.9475



81.8310, -16.1857, 151.8692



129.0240, -56.2138, 110.4810



119.1150, -1.0427, 7.7921



61.3270, -11.9932, 113.7232



20.5040, -4.1925, 38.1460

Inverse Universe

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



92.0040, -15.2850, 142.9475



81.8310, -16.1857, 151.8692



140.9760, 56.2138, -110.4810



119.1150, -1.0427, 7.7921



61.3270, -11.9932, 113.7232



20.5040, -4.1925, 38.1460

Previews

White Background



This preview shows how the YUV color 92.0040, -15.2850, 142.9475 looks on a white background.

Color Contrast Check

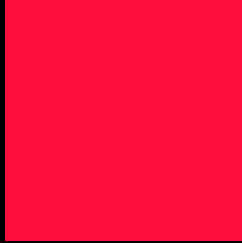
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.0040, -15.2850, 142.9475 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 92.0040, -15.2850, 142.9475

Background



This preview shows how black text looks on a background with the YUV color 92.0040, -15.2850, 142.9475.



This preview shows how white text looks on a background with the YUV color 92.0040, -15.2850,

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

92.0040, -15.2850, 142.9475

Protanopia

128.6580, -18.0724, 9.9469

Deuteranopia

125.8830, -39.3823, 31.6746



Tritanopia

94.6620, -36.8084, 139.7394

Trichromacy



Original Color

92.0040, -15.2850, 142.9475

Protanomaly

115.3080, -16.9138, 58.4889

Deuteranomaly

113.7260, -30.9239, 72.1543

Tritanomaly

93.4370, -28.8094, 140.8138

Monochromacy



Original Color

92.0040, -15.2850, 142.9475

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.9510, -5.3988, 51.7860

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.0040, -15.2850, 142.9475 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(255, 15, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 15, 61)  
}
```

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(255, 15, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 15, 61) }
```

Border

The CSS property to change the border of an element to YUV 92.0040, -15.2850, 142.9475 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(255, 15, 61) }
```


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

```
.border{ border-color:rgb(255, 15, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 15, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 15, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 15, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 15,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 92.0040, -15.2850, 142.9475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 15, 61) }
```

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

```
.background{ background-color: rgb(255, 15,  
61) }
```

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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