

Converting Colors

YUV(91.9330, -14.2640,
142.1328)

Have a look what the booklet for
YUV(91.9330, -14.2640, 142.1328)
contains.

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Color

**YUV(91.9330, -14.2640,
142.1328)**

Conversions

Conversions Part 1

Format	Color
Hex	FE0F3F
RGB	254, 15, 63
RGB Percent	100%, 6%, 25%
CMY	0.0039, 0.9412, 0.7529
CMYK	0.00, 0.94, 0.75, 0.00
HSL	348°, 99%, 53%
HSV	348°, 94%, 100%
XYZ	41.9411, 21.7714, 6.6944
YIQ	91.9330, 127.0360, 65.5960

Conversions

Conversions Part 2

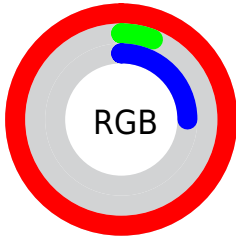
Format	Color
R_{YB}	254, 15, 63
Decimal	16650047
CIE Lab	53.78, 79.87, 41.38
CIE LCh	54, 89.951, 27.388
Yxy	21.7714, 0.5957, 0.3092
Android (android.graphics.Color)	4294840127 (0xFFFE0F3F)
YUV	91.9330, -14.2640, 142.1328
Hunter-Lab	46.6598, 78.7936, 24.1554

Details

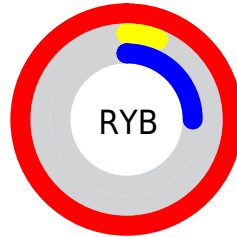
The YUV color **91.9330, -14.2640, 142.1328** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **177.0670, 14.2640, -142.1328**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5990, -18.0433, 94.1907**, and **58.6060, -18.5398, 113.4785** is the 20% darker color. If you saturate the color by 10%, you get **81.7600, -15.1647, 151.0545**, and if you desaturate by 10%, it is **108.8880, -12.7628, 127.2632**.

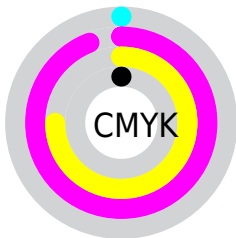
Distribution



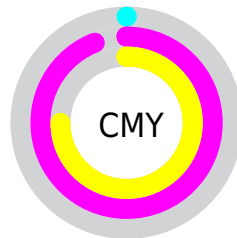
- Red (100%)
- Green (6%)
- Blue (25%)



- Red (100%)
- Yellow (6%)
- Blue (25%)



- Cyan (0%)
- Magenta (94%)
- Yellow (75%)
- Black (0%)





- Cyan (0%)
- Magenta (94%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.9330, -14.2640, 142.1328 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 91.9330, -14.2640, 142.1328 by changing the saturation by 10% instead.


 91.9330, -14.2640,
142.1328


 91.9330, -14.2640,
142.1328


255.0000, 0.0000,
0.0000


 70.7530, -14.6682,
131.7666


 147.5990,
-18.0433, 94.1907


 58.6060, -18.5398,
113.4785


 169.2330,
-16.3839, 75.2177


 46.3450, -22.8481,
95.2904


 189.9210,
-13.2721, 57.0743

 36.8910, -17.6943,
75.5176

 210.6090,
-10.1602, 38.9309

 27.5510, -12.1036,
55.6448

 231.9980, -6.9010,
20.1728

 18.2820, -7.5340,
36.5867

 252.8000, -3.3524,

 6.5780, -3.2430,

1.9294

13.5251

■ 0.0000, 0.0000,
0.0000

■ 91.9330, -14.2640,
142.1328

■ 91.9330, -14.2640,
142.1328

■ 81.7600, -15.1647,
151.0545

■ 108.8880,
-12.7628, 127.2632

■ 126.5440,
-11.1142, 111.7789

■ 143.4990, -9.6130,
96.9094

■ 161.0410, -8.4012,
81.5250

■ 177.9960, -6.9000,
66.6555

■ 195.0650, -4.9620,
51.6860

■ 212.6070, -3.7503,
36.3017

■ 229.5620, -2.2491,
21.4321

■ 247.2180, -0.6005,
5.9478

Harmonies

Analogous

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



92.0910, 23.1261, 142.8712



91.9330, -14.2640, 142.1328



116.5500, -57.4591, 89.8487

Triad

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



91.9330, -14.2640, 142.1328



94.5190, -31.3149, -82.8932



111.8370, 70.5794, -98.0810

Complementary

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



91.9330, -14.2640, 142.1328



177.0670, 14.2640, -142.1328

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.



120.6420, 66.2385, -105.8030



91.9330, -14.2640, 142.1328



106.8990, 5.9658, -93.7504

Square

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



91.9330, -14.2640, 142.1328



109.9430, -54.2019, -21.8750



116.6060, 40.6202, -102.2635



121.7350, 65.6996, -26.0776

Rectangle

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



91.9330, -14.2640, 142.1328



121.0480, -59.6767, 54.3319



116.6060, 40.6202, -102.2635



115.9460, 68.5536, -101.6846

Sweetspot

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



91.9330, -14.2640, 142.1328



206.8250, -4.3507, 42.2495



98.1590, 76.8296, 91.0686



98.1820, -2.5547, 26.1504



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.



91.9330, -14.2640, 142.1328



82.0590, -15.3121, 151.6693



126.3770, -54.9089, 111.9254



119.1150, -1.0427, 7.7921



61.4410, -11.5564, 113.6232



20.6180, -3.7557, 38.0460

Inverse Universe

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



91.9330, -14.2640, 142.1328



82.0590, -15.3121, 151.6693



142.6230, 54.9089, -111.9254



119.1150, -1.0427, 7.7921



61.4410, -11.5564, 113.6232



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 91.9330, -14.2640, 142.1328 looks on a white background.

Color Contrast Check

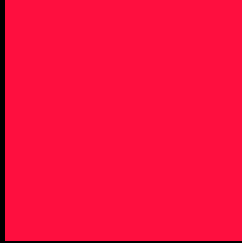
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.9330, -14.2640, 142.1328 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 91.9330, -14.2640, 142.1328

Background



This preview shows how black text looks on a background with the YUV color 91.9330, -14.2640, 142.1328.



This preview shows how white text looks on a background with the YUV color 91.9330, -14.2640,

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

91.9330, -14.2640, 142.1328

Protanopia

128.1140, -16.3252, 9.5470

Deuteranopia

125.9260, -37.9245, 30.7599



Tritanopia

95.1780, -36.0768, 138.4099

Trichromacy



Original Color

91.9330, -14.2640, 142.1328

Protanomaly

115.2370, -15.8928, 57.6742

Deuteranomaly

113.7690, -29.4661, 71.2396

Tritanomaly

93.9530, -28.0778, 139.4842

Monochromacy



Original Color

91.9330, -14.2640, 142.1328

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 91.9330, -14.2640, 142.1328 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(254, 15, 63)` looks like.

```
.text, #text, p{  
    color:rgb(254, 15, 63)  
}
```

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(254, 15, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 15, 63) }
```

Border

The CSS property to change the border of an element to YUV 91.9330, -14.2640, 142.1328 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(254, 15, 63) }
```


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

```
.border{ border-color:rgb(254, 15, 63) }
```

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

Here you see how a box with a 4 pixel rgb(254, 15, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 15, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 15, 63);  
box-shadow:4px 4px 4px 4px rgb(254, 15,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 91.9330, -14.2640, 142.1328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 15, 63) }
```

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

```
.background{ background-color: rgb(254, 15,  
63) }
```

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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