

Converting Colors

YUV(87.4650, -14.5262,
132.8962)

Have a look what the booklet for
YUV(87.4650, -14.5262, 132.8962)
contains.

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Color

**YUV(87.4650, -14.5262,
132.8962)**

Conversions

Conversions Part 1

Format	Color
Hex	EF103A
RGB	239, 16, 58
RGB Percent	94%, 6%, 23%
CMY	0.0627, 0.9373, 0.7725
CMYK	0.00, 0.93, 0.76, 0.06
HSL	349°, 87%, 50%
HSV	349°, 93%, 94%
XYZ	36.5456, 19.0268, 5.7494
YIQ	87.4650, 119.4260, 60.3380

Conversions

Conversions Part 2

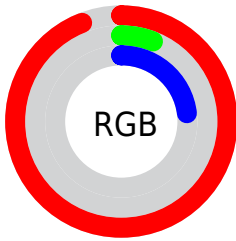
Format	Color
R_{YB}	239, 16, 58
Decimal	15667258
CIE Lab	50.72, 76.00, 40.00
CIE LCh	51, 85.885, 27.758
Yxy	19.0268, 0.5960, 0.3103
Android (android.graphics.Color)	4293857338 (0xFFEF103A)
YUV	87.4650, -14.5262, 132.8962
Hunter-Lab	43.6197, 73.2170, 22.7190

Details

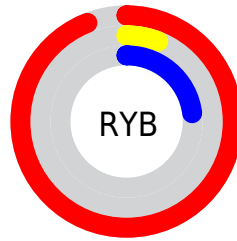
The YUV color **87.4650, -14.5262, 132.8962** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **167.5350, 14.5262, -132.8962**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1540, -19.7959, 96.3349**, and **53.8500, -18.6600, 105.3715** is the 20% darker color. If you saturate the color by 10%, you get **76.5910, -15.5744, 142.4327**, and if you desaturate by 10%, it is **103.7190, -13.1725, 118.6414**.

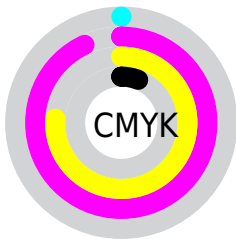
Distribution



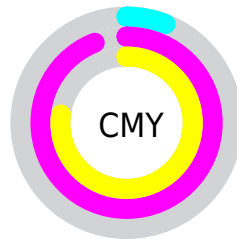
- Red (94%)
- Green (6%)
- Blue (23%)



- Red (94%)
- Yellow (6%)
- Blue (23%)



- Cyan (0%)
- Magenta (93%)
- Yellow (76%)
- Black (6%)





- Cyan (6%)
- Magenta (94%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.4650, -14.5262, 132.8962 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 87.4650, -14.5262, 132.8962 by changing the saturation by 10% instead.


 87.4650, -14.5262,
132.8962


 87.4650, -14.5262,
132.8962


255.0000, 0.0000,
0.0000


 65.6980, -14.6411,
123.0449


 145.1540,
-19.7959, 96.3349


 53.8500, -18.6600,
105.3715


 166.3150,
-17.4103, 77.7767


 42.1590, -20.7844,
86.6836


 186.8890,
-14.7353, 59.7333

 32.8190, -15.1938,
66.8107

 207.5770,
-11.6235, 41.5900

 24.0770, -9.8980,
48.1675

 228.2650, -8.5116,
23.4466

 14.2810, -6.0545,
28.6946

 249.7680, -4.8156,

 0.0000, 0.0000,

4.5885

0.0000

■ 87.4650, -14.5262,
132.8962

■ 87.4650, -14.5262,
132.8962

■ 76.5910, -15.5744,
142.4327

■ 103.7190,
-13.1725, 118.6414

■ 120.0870,
-11.3819, 104.2867

■ 136.3410,
-10.0281, 90.0319

■ 152.7090, -8.2375,
75.6772

■ 168.3760, -6.5944,
61.9372

■ 184.6300, -5.2406,
47.6825

■ 200.9980, -3.4500,
33.3278

■ 217.2520, -2.0962,
19.0730

■ 233.6200, -0.3057,
4.7183

Harmonies

Analogous

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



86.8790, 21.2587, 135.1641



87.4650, -14.5262, 132.8962



109.7280, -54.0959, 84.4305

Triad

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



87.4650, -14.5262, 132.8962



89.1220, -29.1471, -78.1600



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.



87.4650, -14.5262, 132.8962



167.5350, 14.5262, -132.8962

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.



114.3330, 64.9118, -100.2700



87.4650, -14.5262, 132.8962



100.9320, 5.9495, -88.5174

Square

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



87.4650, -14.5262, 132.8962



103.4530, -51.0023, -21.4453



110.0690, 38.4200, -96.5305



116.5010, 67.2940, -24.1184

Rectangle

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



87.4650, -14.5262, 132.8962



114.2370, -56.3188, 50.6582



110.0690, 38.4200, -96.5305



110.6630, 71.1581, -97.0515

Sweetspot

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



87.4650, -14.5262, 132.8962



206.7110, -4.7875, 42.3495



94.6440, 71.1675, 87.1352



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.



87.4650, -14.5262, 132.8962



81.7170, -16.6225, 151.9692



122.0060, -52.2610, 102.6037



111.8160, -0.8953, 7.1774



59.0060, -11.8350, 109.6197



17.9980, -3.4500, 33.3278

Inverse Universe

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



87.4650, -14.5262, 132.8962



81.7170, -16.6225, 151.9692



132.9940, 52.2610, -102.6037



111.8160, -0.8953, 7.1774



59.0060, -11.8350, 109.6197



17.9980, -3.4500, 33.3278

Previews

White Background



This preview shows how the YUV color 87.4650, -14.5262, 132.8962 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 87.4650, -14.5262, 132.8962 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 87.4650, -14.5262, 132.8962

Background



This preview shows how black text looks on a background with the YUV color 87.4650, -14.5262, 132.8962.



This preview shows how white text looks on a background with the YUV color 87.4650, -14.5262,

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

87.4650, -14.5262, 132.8962

Protanopia

120.7010, -16.6146, 9.0322

Deuteranopia

118.5560, -36.7561, 29.3304



Tritanopia

89.9920, -34.0131, 129.8030

Trichromacy



Original Color

87.4650, -14.5262, 132.8962

Protanomaly

108.2150, -15.8820, 54.1854

Deuteranomaly

107.5620, -28.8711, 67.0361

Tritanomaly

89.1260, -27.1771, 130.5625

Monochromacy



Original Color

87.4650, -14.5262, 132.8962

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9290, -5.3880, 48.2973

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4650, -14.5262, 132.8962 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(239, 16, 58)` looks like.

```
.text, #text, p{  
  color:rgb(239, 16, 58)  
}
```

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(239, 16, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 16, 58) }
```

Border

The CSS property to change the border of an element to YUV 87.4650, -14.5262, 132.8962 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(239, 16, 58) }
```


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

```
.border{ border-color:rgb(239, 16, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 16, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 16, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 16, 58);  
box-shadow:4px 4px 4px 4px rgb(239, 16,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 87.4650, -14.5262, 132.8962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 16, 58) }
```

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

```
.background{ background-color: rgb(239, 16,  
58) }
```

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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