

Converting Colors

YIQ(135.9630, 81.6520, 29.0440)

Have a look what the booklet for
YIQ(135.9630, 81.6520, 29.0440)
contains.

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Color

**YIQ(135.9630, 81.6520,
29.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	E85F5F
RGB	232, 95, 95
RGB Percent	91%, 37%, 37%
CMY	0.0899, 0.6276, 0.6271
CMYK	0.00, 0.59, 0.59, 0.09
HSL	360°, 75%, 64%
HSV	360°, 59%, 91%
XYZ	39.4620, 26.1715, 13.8179
YIQ	135.9630, 81.6520, 29.0440

Conversions

Conversions Part 2

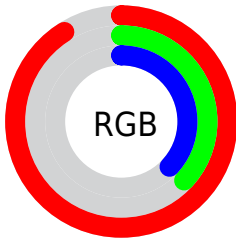
Format	Color
R_{YB}	232, 95, 95
Decimal	15228767
CIE _{Lab}	58.20, 53.18, 27.42
CIE _{LCh}	58, 59.836, 27.279
Yxy	26.1715, 0.4967, 0.3294
Android (android.graphics.Color)	4293418847 (0xFFE85F5F)
YUV	135.9630, -20.1948, 84.2244
Hunter-Lab	51.1581, 48.1637, 19.7963

Details

The YIQ color **135.9630, 81.6520, 29.0440** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **191.0370, -81.6520, -29.0440**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **180.8250, 64.1850, 20.7050**, and **78.7220, 75.1410, 31.4050** is the 20% darker color. If you saturate the color by 10%, you get **119.8400, 95.3600, 33.9200**, and if you desaturate by 10%, it is **152.0860, 67.9440, 24.1680**.

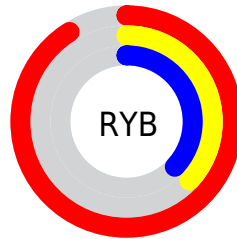
Distribution



Red (91%)

Green (37%)

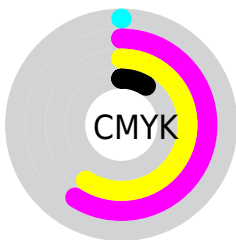
Blue (37%)



Red (91%)

Yellow (37%)

Blue (37%)

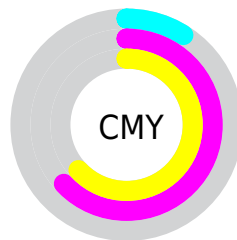


Cyan (0%)

Magenta (59%)

Yellow (59%)

Black (9%)



Cyan (9%)


Magenta (63%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.9630, 81.6520, 29.0440 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 YIQ color 135.9630, 81.6520, 29.0440 by changing the saturation by 10% instead.


 135.9630, 81.6520,
29.0440


 135.9630, 81.6520,
29.0440


255.0000, -0.0000,
-0.0000


 107.5220, 78.5800,
29.6520


 180.9390, 63.8640,
21.0160


 79.0210, 75.7370,
31.6170


 200.3390, 47.8180,
14.4580


 45.0520, 74.4520,
38.3880

 220.4400, 31.1760,
7.6880

 33.6450, 64.8720,
24.7760

 240.7690, 13.8920,
1.5400

 24.2190, 48.2760,
17.1720

 16.3740, 31.5420,
12.0700

 1.7940, 3.5760,

1.2720

■ 0.0000, 0.0000,
0.0000

■ 135.9630, 81.6520,
29.0440

■ 135.9630, 81.6520,
29.0440

■ 119.8400, 95.3600,
33.9200

■ 152.0860, 67.9440,
24.1680

■ 103.7170,
109.0680, 38.7960

■ 168.2090, 54.2360,
19.2920

■ 87.0070, 123.0510,
44.1950

■ 185.0330, 39.9320,
14.2040

■ 70.7700, 137.0800,
48.7600

■ 201.1560, 26.2240,
9.3280

■ 69.3680, 138.2720,
49.1840

■ 217.2790, 12.5160,
4.4520

■ 233.4020, -1.1920,
-0.4240

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



137.7710, 65.4180, 47.9300



135.9630, 81.6520, 29.0440



135.9950, 77.4850, -0.0750

Triad

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



135.9630, 81.6520, 29.0440



114.7010, -46.4360, -50.5320



114.2190, -119.0700, -0.6860

Complementary

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



135.9630, 81.6520, 29.0440



191.0370, -81.6520, -29.0440

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.



119.2110, -116.5920, -12.5600



135.9630, 81.6520, 29.0440



111.4300, -87.7930, -44.4090

Square

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



135.9630, 81.6520, 29.0440



128.3220, 17.8430, -42.5490



117.5860, -105.1270, -27.6150



140.9810, -32.2380, 33.6020

Rectangle

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



135.9630, 81.6520, 29.0440



134.1160, 66.1180, -19.8500



117.5860, -105.1270, -27.6150



116.8120, -119.4820, -4.2340

Sweetspot

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



135.9630, 81.6520, 29.0440



222.7540, 27.4160, 9.7520



150.9830, 36.4830, 71.2270



107.6710, 17.2840, 6.1480



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.



135.9630, 81.6520, 29.0440



128.1190, 107.8760, 38.3720



174.7050, 63.5020, -5.4740



109.2890, 6.5560, 2.3320



54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Inverse Universe

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



135.9630, 81.6520, 29.0440



128.1190, 107.8760, 38.3720



152.2950, -63.5020, 5.4740



109.2890, 6.5560, 2.3320



54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Previews

White Background



This preview shows how the YIQ color 135.9630, 81.6520, 29.0440 looks on a white background.

Color Contrast Check

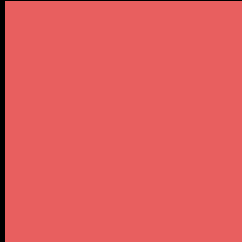
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 135.9630, 81.6520, 29.0440 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](#).

YIQ 135.9630, 81.6520, 29.0440

Background



This preview shows how black text looks on a background with the YIQ color 135.9630, 81.6520, 29.0440.



This preview shows how white text looks on a background with the YIQ color 135.9630, 81.6520,

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

135.9630, 81.6520, 29.0440

Protanopia

139.8410, 13.3890, -5.8670

Deuteranopia

139.2210, 35.6260, -6.8860



Tritanopia

135.9460, 80.3220, 31.1220

Trichromacy



Original Color

135.9630, 81.6520, 29.0440

Protanomaly

138.6210, 37.9160, 6.6840

Deuteranomaly

138.2220, 52.2210, 6.2450

Tritanomaly

135.7180, 80.9640, 30.5000

Monochromacy



Original Color

135.9630, 81.6520, 29.0440

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.9500, 29.8000, 10.6000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.9630, 81.6520, 29.0440 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(232, 95, 95)` looks like.

```
.text, #text, p{  
    color:rgb(232, 95, 95)  
}
```

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(232, 95, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 95, 95) }
```

Border

The CSS property to change the border of an element to YIQ 135.9630, 81.6520, 29.0440 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(232, 95, 95) }
```


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

```
.border{ border-color:rgb(232, 95, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 95, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 95, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 95, 95);  
box-shadow:4px 4px 4px 4px rgb(232, 95,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 135.9630, 81.6520, 29.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 95, 95) }
```

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

```
.background{ background-color: rgb(232, 95,  
95) }
```

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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