

Converting Colors

YIQ(92.4690, 113.6030, 61.2430)

Have a look what the booklet for
YIQ(92.4690, 113.6030, 61.2430)
contains.

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Color

**YIQ(92.4690, 113.6030,
61.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	EF1647
RGB	239, 22, 71
RGB Percent	94%, 9%, 28%
CMY	0.0622, 0.9139, 0.7212
CMYK	0.00, 0.91, 0.70, 0.06
HSL	346°, 87%, 51%
HSV	346°, 91%, 94%
XYZ	37.0696, 19.4016, 7.7701
YIQ	92.4690, 113.6030, 61.2430

Conversions

Conversions Part 2

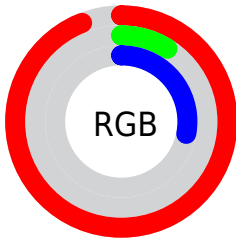
Format	Color
R_{YB}	239, 22, 71
Decimal	15668807
CIE _{Lab}	51.15, 75.86, 32.83
CIE _{LCh}	51, 82.653, 23.400
Yxy	19.4016, 0.5770, 0.3020
Android (android.graphics.Color)	4293858887 (0xFFEF1647)
YUV	92.4690, -10.5842, 128.5077
Hunter-Lab	44.0473, 73.1404, 20.3742

Details

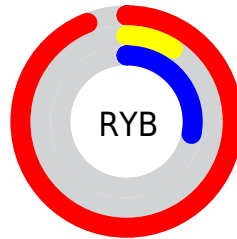
The YIQ color **92.4690, 113.6030, 61.2430** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **168.5310, -113.6030, -61.2430**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **148.5110, 86.2810, 38.7690**, and **55.2180, 94.7160, 45.5960** is the 20% darker color. If you saturate the color by 10%, you get **77.6170, 125.1100, 67.4620**, and if you desaturate by 10%, it is **108.7230, 100.9040, 54.6000**.

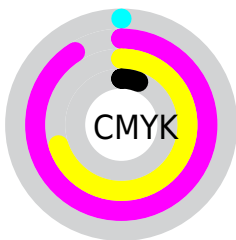
Distribution



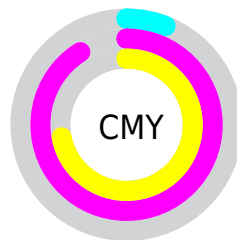
- Red (94%)
- Green (9%)
- Blue (28%)



- Red (94%)
- Yellow (9%)
- Blue (28%)



- Cyan (0%)
- Magenta (91%)
- Yellow (70%)
- Black (6%)





- Cyan (6%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 92.4690, 113.6030, 61.2430 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 92.4690, 113.6030, 61.2430 by changing the saturation by 10% instead.


 92.4690, 113.6030,
61.2430


 92.4690, 113.6030,
61.2430


255.0000, -0.0000,
-0.0000


 67.4790, 107.6430,
59.1230


 148.5110, 86.2810,
38.7690


 55.2180, 94.7160,
45.5960


 169.0850, 69.6850,
31.1650


 43.0280, 83.0270,
31.6590


 189.6590, 53.0890,
23.5610

 33.0040, 65.2390,
23.6310

 210.4610, 35.8510,
16.5790

 24.3760, 46.3960,
18.2040

 231.2630, 18.6130,
9.5970

 14.5800, 27.9660,
10.7980

 252.6520, 1.1000,

 0.0000, 0.0000,

2.0920

0.0000

■ 92.4690, 113.6030,
61.2430

■ 92.4690, 113.6030,
61.2430

■ 77.6170, 125.1100,
67.4620

■ 108.7230,
100.9040, 54.6000


■ 124.8630, 88.5260,
47.6460


■ 141.1170, 75.8270,
41.0030


■ 157.2570, 63.4490,
34.0490

■ 173.5110, 50.7500,
27.4060

■ 189.0640, 38.6470,
20.9750

 205.3180, 25.9480,
14.3320

 221.4580, 13.5700,
7.3780

 237.7120, 0.8710,
0.7350

Harmonies

Analogous

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



86.3390, 94.7990, 93.6710



92.4690, 113.6030, 61.2430



109.4620, 104.0310, 3.4150

Triad

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



92.4690, 113.6030, 61.2430



87.5090, -46.6160, -69.3040



108.9020, -119.2550, 8.1770

Complementary

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



92.4690, 113.6030, 61.2430



168.5310, -113.6030, -61.2430

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.



113.7800, -116.4560, -4.0080



92.4690, 113.6030, 61.2430



99.7920, -74.3130, -46.4170

Square

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



92.4690, 113.6030, 61.2430



107.0630, 19.7700, -49.9420



108.7010, -98.0210, -24.2370



112.3630, -74.2360, 34.8200

Rectangle

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



92.4690, 113.6030, 61.2430



114.8680, 78.6800, -16.2320



108.7010, -98.0210, -24.2370



111.8370, -120.6300, 5.5620

Sweetspot

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



92.4690, 113.6030, 61.2430



208.4550, 35.9880, 19.6040



96.3720, 29.2790, 102.6790



100.2850, 21.5470, 11.4910



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.



92.4690, 113.6030, 61.2430



82.8570, 133.3620, 72.0980



120.9290, 113.3820, 15.6700



111.9300, 6.1890, 3.4770



59.8040, 96.1820, 52.0700



18.2260, 29.2030, 15.9150

Inverse Universe

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



92.4690, 113.6030, 61.2430



82.8570, 133.3620, 72.0980



140.0710, -113.3820, -15.6700



111.9300, 6.1890, 3.4770



59.8040, 96.1820, 52.0700



18.2260, 29.2030, 15.9150

Previews

White Background



This preview shows how the YIQ color 92.4690, 113.6030, 61.2430 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 92.4690, 113.6030, 61.2430 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 92.4690, 113.6030, 61.2430

Background



This preview shows how black text looks on a background with the YIQ color 92.4690, 113.6030, 61.2430.



This preview shows how white text looks on a background with the YIQ color 92.4690, 113.6030,

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

92.4690, 113.6030, 61.2430

Protanopia

122.0410, 9.9500, -4.1140

Deuteranopia

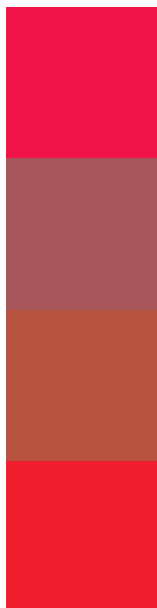
120.6680, 38.5610, -10.5190



Tritanopia

94.6540, 122.5470, 42.3150

Trichromacy



Original Color

92.4690, 113.6030, 61.2430

Protanomaly

111.5010, 47.5420, 19.4620

Deuteranomaly

110.1470, 65.9740, 15.8140

Tritanomaly

94.0160, 118.8320, 49.0720

Monochromacy



Original Color

92.4690, 113.6030, 61.2430

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.5590, 41.6270, 22.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.4690, 113.6030, 61.2430 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, 22, 71)` looks like.

```
.text, #text, p{  
    color:rgb(239, 22, 71)  
}
```

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, 22, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 22, 71) }
```

Border

The CSS property to change the border of an element to YIQ 92.4690, 113.6030, 61.2430 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, 22, 71) }
```


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

```
.border{ border-color:rgb(239, 22, 71) }
```

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

Here you see how a box with a 4 pixel rgb(239, 22, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 22, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 22, 71);  
box-shadow:4px 4px 4px 4px rgb(239, 22,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 92.4690, 113.6030, 61.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 22, 71) }
```

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

```
.background{ background-color: rgb(239, 22,  
71) }
```

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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