

Converting Colors

YIQ(119.4510, 86.5100, 40.1260)

Have a look what the booklet for
YIQ(119.4510, 86.5100, 40.1260)
contains.

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Color

**YIQ(119.4510, 86.5100,
40.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	E3465C
RGB	227, 70, 92
RGB Percent	89%, 27%, 36%
CMY	0.1094, 0.7257, 0.6389
CMYK	0.00, 0.69, 0.59, 0.11
HSL	352°, 74%, 58%
HSV	352°, 69%, 89%
XYZ	35.8312, 21.4932, 12.4044
YIQ	119.4510, 86.5100, 40.1260

Conversions

Conversions Part 2

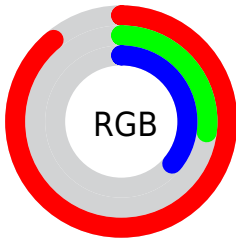
Format	Color
R_{YB}	227, 70, 92
Decimal	14894684
CIE _{Lab}	53.49, 61.69, 22.85
CIE _{LCh}	53, 65.787, 20.322
Yxy	21.4932, 0.5139, 0.3082
Android (android.graphics.Color)	4293084764 (0xFFE3465C)
YUV	119.4510, -13.5333, 94.3205
Hunter-Lab	46.3608, 56.8272, 16.5888

Details

The YIQ color **119.4510, 86.5100, 40.1260** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **177.5490, -86.5100, -40.1260**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **167.5690, 71.1980, 31.2780**, and **54.6930, 83.2530, 49.5970** is the 20% darker color. If you saturate the color by 10%, you get **103.7840, 98.9340, 46.2460**, and if you desaturate by 10%, it is **135.2320, 73.7650, 34.3170**.

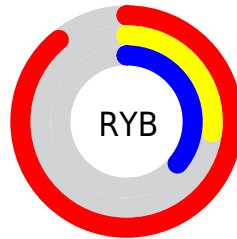
Distribution



Red (89%)

Green (27%)

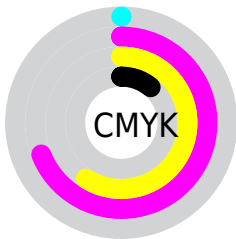
Blue (36%)



Red (89%)

Yellow (27%)

Blue (36%)

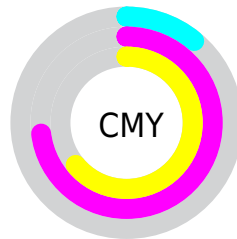


Cyan (0%)

Magenta (69%)

Yellow (59%)

Black (11%)



Cyan (11%)


Magenta (73%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.4510, 86.5100, 40.1260 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 119.4510, 86.5100, 40.1260 by changing the saturation by 10% instead.


 119.4510, 86.5100,
40.1260


 119.4510, 86.5100,
40.1260


255.0000, -0.0000,
-0.0000


 88.1890, 84.4920,
43.6600


 167.5690, 71.1980,
31.2780


 54.6930, 83.2530,
49.5970


 186.9690, 55.1520,
24.7200


 43.3290, 72.1140,
36.7060


 207.1840, 38.1890,
18.2610

 31.3950, 62.5800,
22.2600

 227.3990, 21.2260,
11.8020

 22.6530, 44.0580,
16.5220

 247.6140, 4.2630,
5.3430

 13.6830, 26.1780,
10.1620

 0.0000, 0.0000,

0.0000

■ 119.4510, 86.5100,
40.1260

■ 119.4510, 86.5100,
40.1260

■ 103.7840, 98.9340,
46.2460

■ 135.2320, 73.7650,
34.3170

■ 88.5900, 111.4040,
51.5320

■ 150.3120, 61.6160,
28.7200

■ 72.9230, 123.8280,
57.6520

■ 166.0930, 48.8710,
22.9110

■ 71.5210, 125.0200,
58.0760

■ 181.7600, 36.4470,
16.7910

■ 196.9540, 23.9770,
11.5050

■ 212.6210, 11.5530,
5.3850

■ 228.4020, -1.1920,
-0.4240

■ 244.0690,
-13.6160, -6.5440

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



122.9700, 63.7200, 56.6800



119.4510, 86.5100, 40.1260



121.8160, 85.5990, 7.0630

Triad

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



119.4510, 86.5100, 40.1260



102.6390, -34.6980, -54.0100



109.5400, -115.5400, 1.4200

Complementary

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



119.4510, 86.5100, 40.1260



177.5490, -86.5100, -40.1260

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.



112.4460, -109.9440, -11.8960



119.4510, 86.5100, 40.1260



101.4220, -76.1470, -46.2190

Square

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



119.4510, 86.5100, 40.1260



115.4020, 32.0570, -46.8470



108.7350, -95.3610, -28.3930



122.9330, -58.6460, 27.6100

Rectangle

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



119.4510, 86.5100, 40.1260



120.1730, 79.1390, -19.0450



108.7350, -95.3610, -28.3930



111.3180, -115.0350, -2.2270

Sweetspot

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



119.4510, 86.5100, 40.1260



218.0580, 29.6160, 13.9360



127.9640, 29.4670, 77.2350



106.0240, 17.7880, 8.0280



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.



119.4510, 86.5100, 40.1260



109.8080, 116.7220, 54.2740



149.2280, 78.4470, 4.5190



106.8160, 6.5100, 3.1660



56.3710, 98.6590, 45.7230



16.0470, 28.1490, 12.9890

Inverse Universe

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



119.4510, 86.5100, 40.1260



109.8080, 116.7220, 54.2740



147.7720, -78.4470, -4.5190



106.8160, 6.5100, 3.1660



56.3710, 98.6590, 45.7230



16.0470, 28.1490, 12.9890

Previews

White Background



This preview shows how the YIQ color 119.4510, 86.5100, 40.1260 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 119.4510, 86.5100, 40.1260 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 119.4510, 86.5100, 40.1260

Background



This preview shows how black text looks on a background with the YIQ color 119.4510, 86.5100, 40.1260.



This preview shows how white text looks on a background with the YIQ color 119.4510, 86.5100,

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

119.4510, 86.5100, 40.1260

Protanopia

128.3550, 6.1900, -2.0500

Deuteranopia

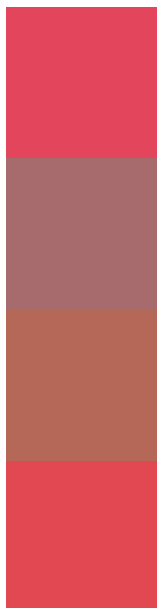
127.8230, 30.9950, -5.5570



Tritanopia

119.2030, 89.9040, 33.6800

Trichromacy



Original Color

119.4510, 86.5100, 40.1260

Protanomaly

125.1680, 35.1180, 13.3420

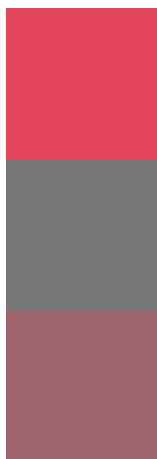
Deuteranomaly

125.0850, 51.3490, 11.0370

Tritanomaly

119.1860, 88.5740, 35.7580

Monochromacy



Original Color

119.4510, 86.5100, 40.1260

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9550, 31.4040, 14.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.4510, 86.5100, 40.1260 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(227, 70, 92)` looks like.

```
.text, #text, p{  
    color:rgb(227, 70, 92)  
}
```

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(227, 70, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 70, 92) }
```

Border

The CSS property to change the border of an element to YIQ 119.4510, 86.5100, 40.1260 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(227, 70, 92) }
```


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

```
.border{ border-color:rgb(227, 70, 92) }
```

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

Here you see how a box with a 4 pixel rgb(227, 70, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 70, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 70, 92);  
box-shadow:4px 4px 4px 4px rgb(227, 70,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 119.4510, 86.5100, 40.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 70, 92) }
```

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

```
.background{ background-color: rgb(227, 70,  
92) }
```

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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