

Converting Colors

YIQ(146.3850, 68.5400, 24.3800)

Have a look what the booklet for
YIQ(146.3850, 68.5400, 24.3800)
contains.

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Color

**YIQ(146.3850, 68.5400,
24.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	E37070
RGB	227, 112, 112
RGB Percent	89%, 44%, 44%
CMY	0.1095, 0.5609, 0.5605
CMYK	0.00, 0.51, 0.51, 0.11
HSL	360°, 67%, 66%
HSV	360°, 51%, 89%
XYZ	40.4179, 29.0913, 18.8344
YIQ	146.3850, 68.5400, 24.3800

Conversions

Conversions Part 2

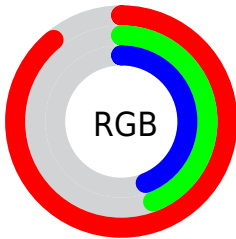
Format	Color
RYB	227, 112, 112
Decimal	14905456
CIELab	60.86, 44.69, 21.08
CIELCh	61, 49.416, 25.256
Yxy	29.0913, 0.4575, 0.3293
Android (android.graphics.Color)	4293095536 (0xFFE37070)
YUV	146.3850, -16.9518, 70.6994
Hunter-Lab	53.9364, 39.3726, 17.0516

Details

The YIQ color **146.3850, 68.5400, 24.3800** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **192.6150, -68.5400, -24.3800**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3830, 53.6860, 18.2460**, and **91.8620, 62.7630, 24.4510** is the 20% darker color. If you saturate the color by 10%, you get **130.2620, 82.2480, 29.2560**, and if you desaturate by 10%, it is **162.5080, 54.8320, 19.5040**.

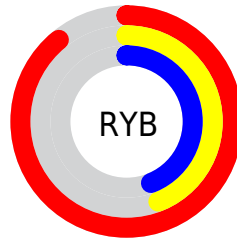
Distribution



Red (89%)

Green (44%)

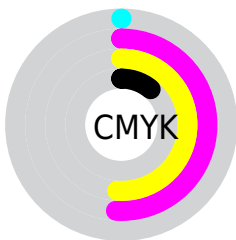
Blue (44%)



Red (89%)

Yellow (44%)

Blue (44%)

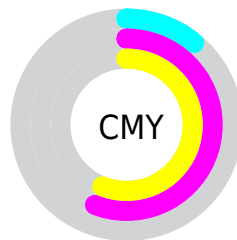


Cyan (0%)

Magenta (51%)

Yellow (51%)

Black (11%)



Cyan (11%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.3850, 68.5400, 24.3800 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 146.3850, 68.5400, 24.3800 by changing the saturation by 10% instead.


 146.3850, 68.5400,
24.3800


 146.3850, 68.5400,
24.3800


255.0000, -0.0000,
-0.0000


 119.4170, 65.5140,
24.1540


 192.3830, 53.6860,
18.2460


 91.8620, 62.7630,
24.4510


 211.8970, 37.3190,
11.9990


 64.8340, 59.9660,
25.5820

 232.1120, 20.3560,
5.5400

 35.0990, 57.9020,
29.9500

 252.3270, 3.3930,
-0.9190

 24.2190, 48.2760,
17.1720

 16.6730, 32.1380,
12.2820

 3.8870, 7.7480,

2.7560

■ 0.0000, 0.0000,
0.0000

■ 146.3850, 68.5400,
24.3800

■ 146.3850, 68.5400,
24.3800

■ 130.2620, 82.2480,
29.2560

■ 162.5080, 54.8320,
19.5040

■ 114.8400, 95.3600,
33.9200

■ 177.9300, 41.7200,
14.8400

■ 98.7170, 109.0680,
38.7960

■ 194.0530, 28.0120,
9.9640

■ 82.5940, 122.7760,
43.6720

■ 210.1760, 14.3040,
5.0880

■ 67.8730, 135.2920,
48.1240

■ 225.5980, 1.1920,
0.4240

■ 241.7210,
-12.5160, -4.4520

■ 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.



148.4440, 52.8570, 38.7850



146.3850, 68.5400, 24.3800



145.4160, 66.1140, 2.2580

Triad

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



146.3850, 68.5400, 24.3800



131.0180, -27.9150, -39.2670



123.9510, -103.7560, -2.8920

Complementary

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



146.3850, 68.5400, 24.3800



192.6150, -68.5400, -24.3800

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.



121.1200, -115.0780, -17.9740



146.3850, 68.5400, 24.3800



114.3480, -90.4980, -44.9460

Square

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



146.3850, 68.5400, 24.3800



138.6460, 17.2910, -32.5410



119.4780, -104.9430, -30.9510



148.0320, -28.2480, 27.3680

Rectangle

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



146.3850, 68.5400, 24.3800



144.0690, 56.3050, -12.7110



119.4780, -104.9430, -30.9510



119.0800, -117.6010, -10.7930

Sweetspot

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



146.3850, 68.5400, 24.3800



228.3620, 22.6480, 8.0560



158.8970, 30.4330, 59.7210



111.8770, 13.7080, 4.8760



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.



146.3850, 68.5400, 24.3800



145.7580, 92.6550, 33.3830



179.2570, 53.1400, -4.9080



106.5880, 7.1520, 2.5440



53.5210, 106.6840, 37.9480



15.2490, 30.3960, 10.8120

Inverse Universe

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



146.3850, 68.5400, 24.3800



145.7580, 92.6550, 33.3830



159.7430, -53.1400, 4.9080



106.5880, 7.1520, 2.5440



53.5210, 106.6840, 37.9480



15.2490, 30.3960, 10.8120

Previews

White Background



This preview shows how the YIQ color 146.3850, 68.5400, 24.3800 looks on a white background.

Color Contrast Check

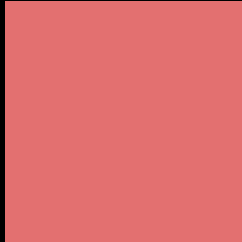
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.3850, 68.5400, 24.3800 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 146.3850, 68.5400, 24.3800

Background



This preview shows how black text looks on a background with the YIQ color 146.3850, 68.5400, 24.3800.



This preview shows how white text looks on a background with the YIQ color 146.3850, 68.5400,

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

146.3850, 68.5400, 24.3800

Protanopia

147.0410, 9.9500, -4.1140

Deuteranopia

146.9910, 30.5820, -3.5780



Tritanopia

146.8950, 67.1640, 27.2920

Trichromacy



Original Color

146.3850, 68.5400, 24.3800

Protanomaly

146.7990, 31.5430, 6.5430

Deuteranomaly

146.4430, 44.2890, 6.8250

Tritanomaly

146.5530, 68.1270, 26.3590

Monochromacy



Original Color

146.3850, 68.5400, 24.3800

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.2590, 24.4360, 8.6920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.3850, 68.5400, 24.3800 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, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(227, 112, 112)  
}
```

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, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 112, 112) }
```

Border

The CSS property to change the border of an element to YIQ 146.3850, 68.5400, 24.3800 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, 112, 112) }
```


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

```
.border{ border-color:rgb(227, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(227, 112,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 146.3850, 68.5400, 24.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 112, 112) }
```

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

```
.background{ background-color: rgb(227,  
112, 112) }
```

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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