

Converting Colors

YIQ(146.3750, 74.5000, 26.5000)

Have a look what the booklet for
YIQ(146.3750, 74.5000, 26.5000)
contains.

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Color

**YIQ(146.3750, 74.5000,
26.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	EA6D6D
RGB	234, 109, 109
RGB Percent	92%, 43%, 43%
CMY	0.0821, 0.5727, 0.5722
CMYK	0.00, 0.53, 0.53, 0.08
HSL	360°, 75%, 67%
HSV	360°, 53%, 92%
XYZ	42.1840, 29.5371, 17.9672
YIQ	146.3750, 74.5000, 26.5000

Conversions

Conversions Part 2

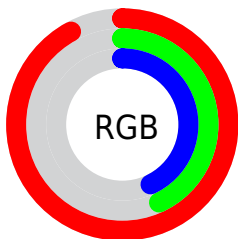
Format	Color
RYB	234, 109, 109
Decimal	15363437
CIELab	61.25, 48.41, 23.50
CIELCh	61, 53.808, 25.890
Yxy	29.5371, 0.4703, 0.3293
Android (android.graphics.Color)	4293553517 (0xFFEA6D6D)
YUV	146.3750, -18.4259, 76.8471
Hunter-Lab	54.3480, 43.4396, 18.4427

Details

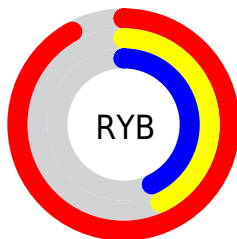
The YIQ color **146.3750, 74.5000, 26.5000** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **196.6250, -74.5000, -26.5000**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7530, 55.5200, 18.0480**, and **91.0800, 68.0810, 27.1930** is the 20% darker color. If you saturate the color by 10%, you get **130.2520, 88.2080, 31.3760**, and if you desaturate by 10%, it is **162.4980, 60.7920, 21.6240**.

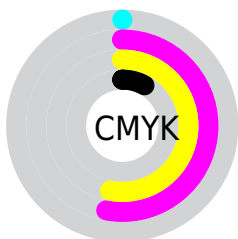
Distribution



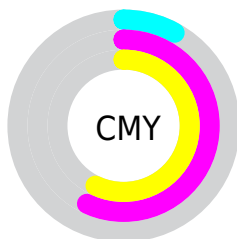
- Red (92%)
- Green (43%)
- Blue (43%)



- Red (92%)
- Yellow (43%)
- Blue (43%)



- Cyan (0%)
- Magenta (53%)
- Yellow (53%)
- Black (8%)




- Cyan (8%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.3750, 74.5000, 26.5000 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 146.3750, 74.5000, 26.5000 by changing the saturation by 10% instead.


 146.3750, 74.5000,
26.5000


 146.3750, 74.5000,
26.5000


255.0000, -0.0000,
-0.0000


 118.8200, 71.7490,
26.7970


 190.8670, 55.1990,
18.3590


 91.0800, 68.0810,
27.1930


 210.3810, 38.8320,
12.1120


 62.2910, 66.1090,
29.8930

 229.8950, 22.4650,
5.8650

 36.3660, 61.5240,
30.3880

 250.8110, 4.9060,
-0.8060

 25.7140, 51.2560,
18.2320

 17.8690, 34.5220,
13.1300

 6.8770, 13.7080,

4.8760

■ 0.0000, 0.0000,
0.0000

■ 146.3750, 74.5000,
26.5000

■ 146.3750, 74.5000,
26.5000

■ 130.2520, 88.2080,
31.3760

■ 162.4980, 60.7920,
21.6240

■ 113.4280,
102.5120, 36.4640

■ 179.3220, 46.4880,
16.5360

■ 97.3050, 116.2200,
41.3400

■ 195.4450, 32.7800,
11.6600

■ 80.5950, 130.2030,
46.7390

■ 212.2690, 18.4760,
6.5720

■ 69.9660, 139.4640,
49.6080

■ 228.3920, 4.7680,
1.6960

■ 244.5150, -8.9400,
-3.1800

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



149.0750, 58.4500, 42.0500



146.3750, 74.5000, 26.5000



145.5260, 71.6160, 1.6640

Triad

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



146.3750, 74.5000, 26.5000



129.1590, -32.8660, -43.1540



118.6870, -120.6280, -5.4920

Complementary

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



146.3750, 74.5000, 26.5000



196.6250, -74.5000, -26.5000

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.



123.2060, -118.1960, -16.5320



146.3750, 74.5000, 26.5000



116.3370, -91.9650, -45.8930

Square

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



146.3750, 74.5000, 26.5000



138.3100, 18.1170, -36.4990



121.8090, -107.3730, -30.9650



148.9440, -30.8160, 29.8560

Rectangle

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



146.3750, 74.5000, 26.5000



144.0540, 60.6610, -14.5630



121.8090, -107.3730, -30.9650



120.6930, -120.7650, -8.5170

Sweetspot

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



146.3750, 74.5000, 26.5000



226.2590, 24.4360, 8.6920



160.0270, 33.1830, 64.9510



110.4750, 14.9000, 5.3000



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.



146.3750, 74.5000, 26.5000



140.7370, 97.1480, 34.5560



181.5950, 58.0000, -4.8800



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.



146.3750, 74.5000, 26.5000



140.7370, 97.1480, 34.5560



161.4050, -58.0000, 4.8800



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 146.3750, 74.5000, 26.5000 looks on a white background.

Color Contrast Check

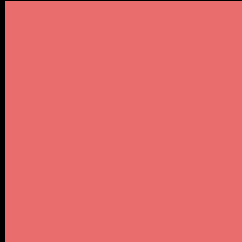
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.3750, 74.5000, 26.5000 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 146.3750, 74.5000, 26.5000

Background



This preview shows how black text looks on a background with the YIQ color 146.3750, 74.5000, 26.5000.



This preview shows how white text looks on a background with the YIQ color 146.3750, 74.5000,

26.5000.

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

146.3750, 74.5000, 26.5000

Protanopia

147.9980, 11.5090, -4.8350

Deuteranopia

148.0190, 33.3790, -4.7090



Tritanopia

146.4720, 72.8490, 28.8890

Trichromacy



Original Color

146.3750, 74.5000, 26.5000

Protanomaly

147.3540, 34.2940, 6.2460

Deuteranomaly

147.4820, 48.5530, 6.6410

Tritanomaly

146.2440, 73.4910, 28.2670

Monochromacy



Original Color

146.3750, 74.5000, 26.5000

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.4550, 26.8200, 9.5400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.3750, 74.5000, 26.5000 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(234, 109, 109)` looks like.

```
.text, #text, p{  
    color:rgb(234, 109, 109)  
}
```

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(234, 109, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 109, 109) }
```

Border

The CSS property to change the border of an element to YIQ 146.3750, 74.5000, 26.5000 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(234, 109, 109) }
```


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

```
.border{ border-color:rgb(234, 109, 109) }
```

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

Here you see how a box with a 4 pixel rgb(234, 109, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 109, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 109, 109);  
box-shadow:4px 4px 4px 4px rgb(234, 109,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 146.3750, 74.5000, 26.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 109, 109) }
```

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

```
.background{ background-color: rgb(234,  
109, 109) }
```

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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