

Converting Colors

YIQ(156.3500, 58.4530, 25.4690)

Have a look what the booklet for
YIQ(156.3500, 58.4530, 25.4690)
contains.

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Color

**YIQ(156.3500, 58.4530,
25.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	E47C87
RGB	228, 124, 135
RGB Percent	89%, 49%, 53%
CMY	0.1056, 0.5139, 0.4704
CMYK	0.00, 0.46, 0.41, 0.11
HSL	354°, 66%, 69%
HSV	354°, 46%, 89%
XYZ	43.5949, 32.6598, 26.9490
YIQ	156.3500, 58.4530, 25.4690

Conversions

Conversions Part 2

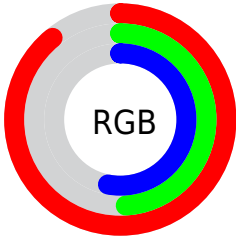
Format	Color
R _Y B	228, 124, 135
Decimal	14974087
CIE Lab	63.88, 41.27, 12.16
CIE LCh	64, 43.023, 16.418
Yxy	32.6598, 0.4224, 0.3165
Android (android.graphics.Color)	4293164167 (0xFFE47C87)
YUV	156.3500, -10.5255, 62.8371
Hunter-Lab	57.1488, 36.1550, 12.0454

Details

The YIQ color **156.3500, 58.4530, 25.4690** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **195.6500, -58.4530, -25.4690**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.1630, 42.6820, 19.4340**, and **102.4850, 53.6390, 24.6070** is the 20% darker color. If you saturate the color by 10%, you get **140.5690, 71.1980, 31.2780**, and if you desaturate by 10%, it is **172.1310, 45.7080, 19.6600**.

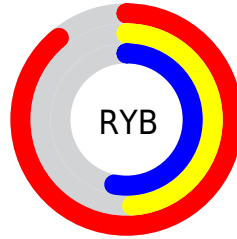
Distribution



Red (89%)

Green (49%)

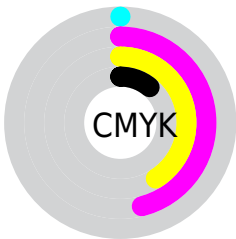
Blue (53%)



Red (89%)

Yellow (49%)

Blue (53%)

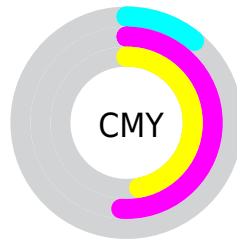


Cyan (0%)

Magenta (46%)

Yellow (41%)

Black (11%)



Cyan (11%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.3500, 58.4530, 25.4690 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 156.3500, 58.4530, 25.4690 by changing the saturation by 10% instead.


 156.3500, 58.4530,
25.4690


 156.3500, 58.4530,
25.4690


255.0000, -0.0000,
-0.0000


 129.2680, 55.7480,
24.9320


 202.1630, 42.6820,
19.4340


 102.5990, 53.3180,
24.9180


 221.7910, 25.9940,
13.4980

 76.2290, 51.4840,
25.1160

 242.0060, 9.0310,
7.0390

 49.0270, 49.2370,
27.2930

 27.8090, 43.9190,
24.5510

 17.6410, 35.1640,
12.5080

 8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,
0.0000

■ 156.3500, 58.4530,
25.4690

■ 156.3500, 58.4530,
25.4690

■ 140.5690, 71.1980,
31.2780

■ 172.1310, 45.7080,
19.6600

■ 124.6740, 84.2640,
36.7760

■ 188.0260, 32.6420,
14.1620

■ 109.4800, 96.7340,
42.0620

■ 203.2200, 20.1720,
8.8760

■ 93.6990, 109.4790,
47.8710

■ 219.1150, 7.1060,
3.3780

■ 77.8040, 122.5450,
53.3690

■ 234.8960, -5.6390,
-2.4310

■ 70.9080, 128.1840,
55.8000

■ 246.9270,
-16.0920, -5.7240

Harmonies

Analogous

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



158.3930, 39.6990, 34.9550



156.3500, 58.4530, 25.4690



155.0660, 61.5280, 8.2800

Triad

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



156.3500, 58.4530, 25.4690



144.1020, -10.3560, -32.5960



135.5300, -92.3850, -5.2250

Complementary

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



156.3500, 58.4530, 25.4690



195.6500, -58.4530, -25.4690

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.



124.7900, -114.3890, -24.9570



156.3500, 58.4530, 25.4690



133.6850, -57.5340, -36.6220

Square

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



156.3500, 58.4530, 25.4690



149.5810, 25.0840, -25.0920



122.6750, -104.3000, -37.1000



153.4990, -37.2330, 19.4950

Rectangle

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



156.3500, 58.4530, 25.4690



153.7410, 54.6530, -4.7950



122.6750, -104.3000, -37.1000



123.5650, -117.8290, -17.6770

Sweetspot

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



156.3500, 58.4530, 25.4690



230.2200, 20.1720, 8.8760



163.3640, 21.4480, 51.8480



112.8060, 12.4700, 5.2860



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.



156.3500, 58.4530, 25.4690



158.5700, 78.6250, 34.3450



178.5760, 50.9840, 1.1280



106.7020, 6.8310, 2.8550



55.6870, 100.5850, 43.8570



15.8190, 28.7910, 12.3670

Inverse Universe

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



156.3500, 58.4530, 25.4690



158.5700, 78.6250, 34.3450



173.4240, -50.9840, -1.1280



106.7020, 6.8310, 2.8550



55.6870, 100.5850, 43.8570



15.8190, 28.7910, 12.3670

Previews

White Background



This preview shows how the YIQ color 156.3500, 58.4530, 25.4690 looks on a white background.

Color Contrast Check

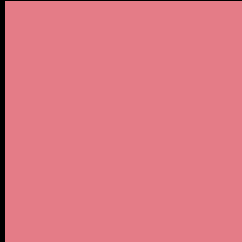
Large Text (above 18pt) WCAG AA × Fail

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 156.3500, 58.4530, 25.4690 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 156.3500, 58.4530, 25.4690

Background



This preview shows how black text looks on a background with the YIQ color 156.3500, 58.4530, 25.4690.



This preview shows how white text looks on a background with the YIQ color 156.3500, 58.4530,

25.4690.

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

156.3500, 58.4530, 25.4690

Protanopia

155.7400, 3.6680, -0.3960

Deuteranopia

155.9180, 23.6580, 0.7620



Tritanopia

156.1220, 59.0950, 24.8470

Trichromacy



Original Color

156.3500, 58.4530, 25.4690

Protanomaly

156.0740, 23.5190, 8.7910

Deuteranomaly

156.1310, 36.5400, 9.5960

Tritanomaly

156.2360, 58.7740, 25.1580

Monochromacy



Original Color

156.3500, 58.4530, 25.4690

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.8180, 21.3640, 9.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.3500, 58.4530, 25.4690 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(228, 124, 135)` looks like.

```
.text, #text, p{  
    color:rgb(228, 124, 135)  
}
```

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(228, 124, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 124, 135) }
```

Border

The CSS property to change the border of an element to YIQ 156.3500, 58.4530, 25.4690 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(228, 124, 135) }
```


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

```
.border{ border-color:rgb(228, 124, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 124, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 124, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 124, 135);  
box-shadow:4px 4px 4px 4px rgb(228, 124,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 156.3500, 58.4530, 25.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 124, 135) }
```

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

```
.background{ background-color: rgb(228,  
124, 135) }
```

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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