

Converting Colors

YIQ(129.1250, 81.3760, 34.0480)

Have a look what the booklet for
YIQ(129.1250, 81.3760, 34.0480)
contains.

YIQ(129.1250, 81.3760, 34.0480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.1250, 81.3760,
34.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	E45561
RGB	228, 85, 97
RGB Percent	89%, 33%, 38%
CMY	0.1055, 0.6669, 0.6193
CMYK	0.00, 0.63, 0.57, 0.11
HSL	355°, 73%, 61%
HSV	355°, 63%, 89%
XYZ	37.4282, 23.8606, 13.9617
YIQ	129.1250, 81.3760, 34.0480

Conversions

Conversions Part 2

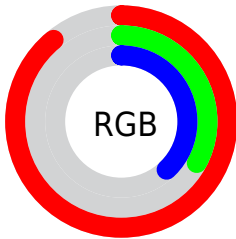
Format	Color
R_{YB}	228, 85, 97
Decimal	14964065
CIE _{Lab}	55.95, 56.37, 23.20
CIE _{LCh}	56, 60.951, 22.368
Yxy	23.8606, 0.4974, 0.3171
Android (android.graphics.Color)	4293154145 (0xFFE45561)
YUV	129.1250, -15.8376, 86.7134
Hunter-Lab	48.8473, 51.2891, 17.2467

Details

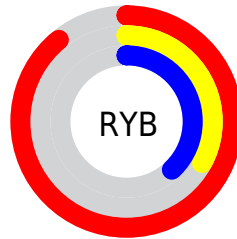
The YIQ color **129.1250, 81.3760, 34.0480** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **183.8750, -81.3760, -34.0480**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7700, 66.0180, 26.0340**, and **68.6610, 77.1110, 39.7590** is the 20% darker color. If you saturate the color by 10%, you get **113.2300, 94.4420, 39.5460**, and if you desaturate by 10%, it is **145.0200, 68.3100, 28.5500**.

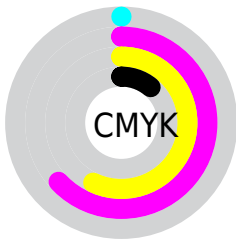
Distribution



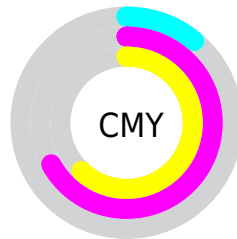
- Red (89%)
- Green (33%)
- Blue (38%)



- Red (89%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (63%)
- Yellow (57%)
- Black (11%)




- Cyan (11%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.1250, 81.3760, 34.0480 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 129.1250, 81.3760, 34.0480 by changing the saturation by 10% instead.


 129.1250, 81.3760,
34.0480


 129.1250, 81.3760,
34.0480


255.0000, -0.0000,
-0.0000


 100.0970, 78.5790,
35.1790


 175.8840, 65.6970,
26.3450


 68.6610, 77.1110,
39.7590


 195.2840, 49.6510,
19.7870


 44.0840, 71.4260,
38.1620

 214.9120, 32.9630,
13.8510

 32.7910, 61.5250,
24.8610

 235.1270, 16.0000,
7.3920

 23.0230, 45.8920,
16.3240

 14.8790, 28.5620,
11.0100

 0.0000, 0.0000,

0.0000

■ 129.1250, 81.3760,
34.0480

■ 129.1250, 81.3760,
34.0480

■ 113.2300, 94.4420,
39.5460

■ 145.0200, 68.3100,
28.5500

■ 97.3350, 107.5080,
45.0440

■ 160.9150, 55.2440,
23.0520

■ 82.0270, 120.2990,
50.0190

■ 176.2230, 42.4530,
18.0770

■ 70.3380, 129.7890,
54.2450

■ 192.1180, 29.3870,
12.5790

■ 207.8990, 16.6420,
6.7700

■ 223.7940, 3.5760,
1.2720

■ 239.6890, -9.4900,
-4.2260

■ 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.



132.1990, 61.3370, 50.3050



129.1250, 81.3760, 34.0480



129.8260, 79.6390, 4.9430

Triad

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



129.1250, 81.3760, 34.0480



111.8720, -33.7360, -49.4160



111.7740, -116.3190, -0.9830

Complementary

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



129.1250, 81.3760, 34.0480



183.8750, -81.3760, -34.0480

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.



115.7230, -112.2820, -13.5780



129.1250, 81.3760, 34.0480



106.1980, -81.3280, -45.9360

Square

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



129.1250, 81.3760, 34.0480



122.4710, 27.6090, -43.3270



113.0550, -99.2580, -29.3540



132.5170, -45.6710, 29.2490

Rectangle

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



129.1250, 81.3760, 34.0480



128.1490, 70.5190, -17.0090



113.0550, -99.2580, -29.3540



114.2530, -116.4100, -4.8420

Sweetspot

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



129.1250, 81.3760, 34.0480



221.8080, 27.3240, 11.4200



139.8730, 30.9810, 71.8210



107.3120, 16.9170, 7.2930



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.



129.1250, 81.3760, 34.0480



122.9330, 108.7000, 45.4680



161.2160, 69.5530, 0.5050



106.7020, 6.8310, 2.8550



55.2310, 101.8690, 42.6130



15.7050, 29.1120, 12.0560

Inverse Universe

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



129.1250, 81.3760, 34.0480



122.9330, 108.7000, 45.4680



151.7840, -69.5530, -0.5050



106.7020, 6.8310, 2.8550



55.2310, 101.8690, 42.6130



15.7050, 29.1120, 12.0560

Previews

White Background



This preview shows how the YIQ color 129.1250, 81.3760, 34.0480 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 129.1250, 81.3760, 34.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

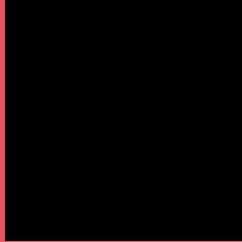
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.1250, 81.3760, 34.0480

Background



This preview shows how black text looks on a background with the YIQ color 129.1250, 81.3760, 34.0480.



This preview shows how white text looks on a background with the YIQ color 129.1250, 81.3760,

34.0480.

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

129.1250, 81.3760, 34.0480

Protanopia

134.1980, 8.0700, -3.0820

Deuteranopia

134.1220, 31.5910, -5.3450



Tritanopia

129.0280, 83.0270, 31.6590

Trichromacy



Original Color

129.1250, 81.3760, 34.0480

Protanomaly

132.2880, 34.6600, 10.6280

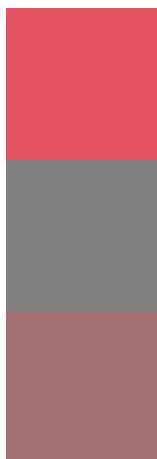
Deuteranomaly

132.2480, 49.3320, 9.0440

Tritanomaly

129.2560, 82.3850, 32.2810

Monochromacy



Original Color

129.1250, 81.3760, 34.0480

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0040, 29.7080, 12.2680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.1250, 81.3760, 34.0480 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, 85, 97)` looks like.

```
.text, #text, p{  
    color:rgb(228, 85, 97)  
}
```

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, 85, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 85, 97) }
```

Border

The CSS property to change the border of an element to YIQ 129.1250, 81.3760, 34.0480 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, 85, 97) }
```


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

```
.border{ border-color:rgb(228, 85, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 85, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 85, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 85, 97);  
box-shadow:4px 4px 4px 4px rgb(228, 85,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 129.1250, 81.3760, 34.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 85, 97) }
```

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

```
.background{ background-color: rgb(228, 85,  
97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor