

Converting Colors

YIQ(126.5270, 80.1840, 33.6240)

Have a look what the booklet for
YIQ(126.5270, 80.1840, 33.6240)
contains.

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Color

**YIQ(126.5270, 80.1840,
33.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	E0535F
RGB	224, 83, 95
RGB Percent	88%, 33%, 37%
CMY	0.1212, 0.6747, 0.6271
CMYK	0.00, 0.63, 0.58, 0.12
HSL	355°, 70%, 60%
HSV	355°, 63%, 88%
XYZ	35.9255, 22.8664, 13.3654
YIQ	126.5270, 80.1840, 33.6240

Conversions

Conversions Part 2

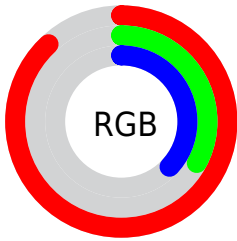
Format	Color
R_{YB}	224, 83, 95
Decimal	14701407
CIE _{Lab}	54.93, 55.76, 22.90
CIE _{LCh}	55, 60.282, 22.331
Yxy	22.8664, 0.4979, 0.3169
Android (android.graphics.Color)	4292891487 (0xFFE0535F)
YUV	126.5270, -15.5428, 85.4838
Hunter-Lab	47.8188, 50.4211, 16.9015

Details

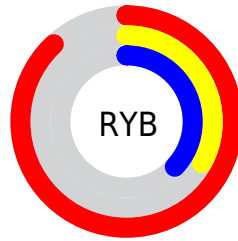
The YIQ color **126.5270, 80.1840, 33.6240** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **180.4730, -80.1840, -33.6240**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.3680, 67.2100, 26.4580**, and **65.4760, 76.1940, 39.8580** is the 20% darker color. If you saturate the color by 10%, you get **111.3330, 92.6540, 38.9100**, and if you desaturate by 10%, it is **141.8350, 67.3930, 28.6490**.

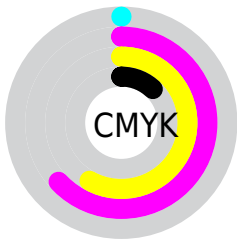
Distribution



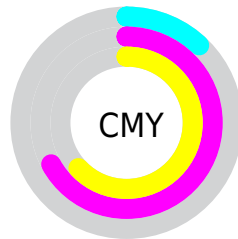
- Red (88%)
- Green (33%)
- Blue (37%)



- Red (88%)
- Yellow (33%)
- Blue (37%)



- Cyan (0%)
- Magenta (63%)
- Yellow (58%)
- Black (12%)





- Cyan (12%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.5270, 80.1840, 33.6240 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 126.5270, 80.1840, 33.6240 by changing the saturation by 10% instead.


 126.5270, 80.1840,
33.6240


 126.5270, 80.1840,
33.6240


255.0000, -0.0000,
-0.0000


 97.4990, 77.3870,
34.7550


 173.7810, 67.4850,
26.9810


 65.4760, 76.1940,
39.8580


 193.8820, 50.8430,
20.2110

 42.9590, 70.2800,
36.9040


 213.3960, 34.4760,
13.9640

 31.2530, 60.1040,
23.0800

 233.6110, 17.5130,
7.5050

 22.2400, 43.7830,
15.9990

254.4130, 0.2750,
0.5230

 13.9820, 26.7740,
10.3740

 0.0000, 0.0000,

0.0000

■ 126.5270, 80.1840,
33.6240

■ 126.5270, 80.1840,
33.6240

■ 111.3330, 92.6540,
38.9100

■ 141.8350, 67.3930,
28.6490

■ 95.4380, 105.7200,
44.4080

■ 157.6160, 54.6480,
22.8400

■ 80.2440, 118.1900,
49.6940

■ 172.9240, 41.8570,
17.8650

■ 69.1420, 127.4050,
53.3970

■ 188.7050, 29.1120,
12.0560

■ 203.8990, 16.6420,
6.7700

■ 219.2070, 3.8510,
1.7950

■ 234.9880, -8.8940,
-4.0140

■ 245.7310,
-18.4760, -6.5720

Harmonies

Analogous

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



129.4870, 60.4660, 49.5700



126.5270, 80.1840, 33.6240



127.2280, 78.4470, 4.5190

Triad

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



126.5270, 80.1840, 33.6240



109.5840, -32.8650, -48.6810



110.1440, -114.4850, -1.1810

Complementary

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



126.5270, 80.1840, 33.6240



180.4730, -80.1840, -33.6240

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.



113.5060, -110.1730, -13.2530



126.5270, 80.1840, 33.6240



104.2090, -79.8610, -44.9890

Square

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



126.5270, 80.1840, 33.6240



119.5850, 27.2880, -43.0160



110.9520, -97.4700, -28.7180



129.7020, -44.7540, 29.1500

Rectangle

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



126.5270, 80.1840, 33.6240



125.9640, 69.6020, -16.9100



110.9520, -97.4700, -28.7180



112.0360, -114.3010, -4.5170

Sweetspot

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



126.5270, 80.1840, 33.6240



221.8080, 27.3240, 11.4200



137.0470, 30.4310, 70.7750



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.



126.5270, 80.1840, 33.6240



120.9440, 110.1670, 46.4150



158.0310, 68.6360, 0.6040



104.4030, 6.2350, 2.6430



54.3340, 100.0810, 41.9770



14.8080, 27.3240, 11.4200

Inverse Universe

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



126.5270, 80.1840, 33.6240



120.9440, 110.1670, 46.4150



148.9690, -68.6360, -0.6040



104.4030, 6.2350, 2.6430



54.3340, 100.0810, 41.9770



14.8080, 27.3240, 11.4200

Previews

White Background



This preview shows how the YIQ color 126.5270, 80.1840, 33.6240 looks on a white background.

Color Contrast Check

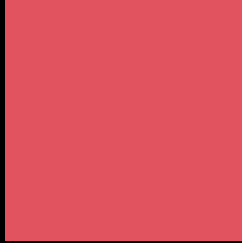
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.5270, 80.1840, 33.6240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

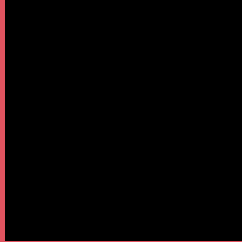
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.5270, 80.1840, 33.6240

Background



This preview shows how black text looks on a background with the YIQ color 126.5270, 80.1840, 33.6240.



This preview shows how white text looks on a background with the YIQ color 126.5270, 80.1840,

33.6240.

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

126.5270, 80.1840, 33.6240

Protanopia

132.0840, 8.3910, -3.3930

Deuteranopia

131.2360, 31.2700, -5.0340



Tritanopia

126.4300, 81.8350, 31.2350

Trichromacy



Original Color

126.5270, 80.1840, 33.6240

Protanomaly

129.8750, 34.3850, 10.1050

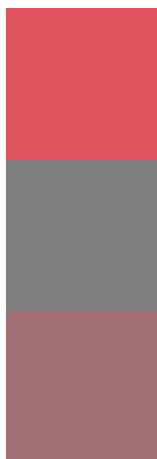
Deuteranomaly

129.3620, 49.0110, 9.3550

Tritanomaly

126.6580, 81.1930, 31.8570

Monochromacy



Original Color

126.5270, 80.1840, 33.6240

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.7050, 29.1120, 12.0560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.5270, 80.1840, 33.6240 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(224, 83, 95)` looks like.

```
.text, #text, p{  
    color:rgb(224, 83, 95)  
}
```

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(224, 83, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 83, 95) }
```

Border

The CSS property to change the border of an element to YIQ 126.5270, 80.1840, 33.6240 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(224, 83, 95) }
```


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

```
.border{ border-color:rgb(224, 83, 95) }
```

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

Here you see how a box with a 4 pixel rgb(224, 83, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 83, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 83, 95);  
box-shadow:4px 4px 4px 4px rgb(224, 83,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 126.5270, 80.1840, 33.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 83, 95) }
```

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

```
.background{ background-color: rgb(224, 83,  
95) }
```

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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