

Converting Colors

YIQ(144.9810, 64.0460, 28.7340)

Have a look what the booklet for
YIQ(144.9810, 64.0460, 28.7340)
contains.

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Color

**YIQ(144.9810, 64.0460,
28.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	E06D7B
RGB	224, 109, 123
RGB Percent	88%, 43%, 48%
CMY	0.1213, 0.5727, 0.5174
CMYK	0.00, 0.51, 0.45, 0.12
HSL	353°, 65%, 65%
HSV	353°, 51%, 88%
XYZ	39.8053, 28.2174, 22.1078
YIQ	144.9810, 64.0460, 28.7340

Conversions

Conversions Part 2

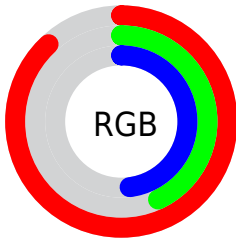
Format	Color
R_{YB}	224, 109, 123
Decimal	14708091
CIE _{Lab}	60.08, 46.13, 13.63
CIE _{LCh}	60, 48.106, 16.459
Yxy	28.2174, 0.4416, 0.3131
Android (android.graphics.Color)	4292898171 (0xFFE06D7B)
YUV	144.9810, -10.8366, 69.2997
Hunter-Lab	53.1200, 40.7983, 12.5084

Details

The YIQ color **144.9810, 64.0460, 28.7340** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **188.0190, -64.0460, -28.7340**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **191.8760, 50.9800, 23.2360**, and **90.6430, 59.1860, 28.7060** is the 20% darker color. If you saturate the color by 10%, you get **129.7870, 76.5160, 34.0200**, and if you desaturate by 10%, it is **160.1750, 51.5760, 23.4480**.

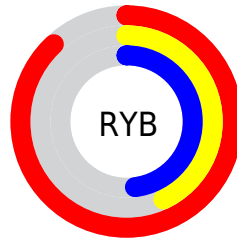
Distribution



Red (88%)

Green (43%)

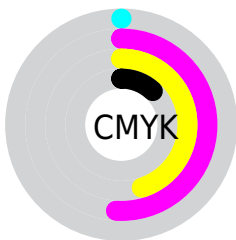
Blue (48%)



Red (88%)

Yellow (43%)

Blue (48%)

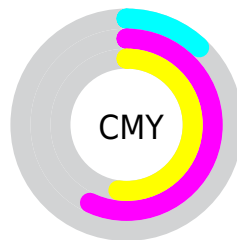


Cyan (0%)

Magenta (51%)

Yellow (45%)

Black (12%)



Cyan (12%)


Magenta (57%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 144.9810, 64.0460, 28.7340 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 144.9810, 64.0460, 28.7340 by changing the saturation by 10% instead.


 144.9810, 64.0460,
28.7340


 144.9810, 64.0460,
28.7340


255.0000, -0.0000,
-0.0000


 117.3120, 61.6160,
28.7200


 191.8760, 50.9800,
23.2360


 90.7570, 58.8650,
29.0170


 211.5040, 34.2920,
17.3000


 62.4410, 56.9390,
30.8830

 231.7190, 17.3290,
10.8410

 35.5270, 53.8210,
32.3250

 251.4780, 1.6500,
3.1380

 24.7180, 45.4330,
19.1370

 16.6730, 32.1380,
12.2820

 2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,
0.0000

■ 144.9810, 64.0460,
28.7340

■ 144.9810, 64.0460,
28.7340

■ 129.7870, 76.5160,
34.0200

■ 160.1750, 51.5760,
23.4480

■ 114.1200, 88.9400,
40.1400

■ 175.8420, 39.1520,
17.3280

■ 98.9260, 101.4100,
45.4260

■ 191.0360, 26.6820,
12.0420

■ 83.1450, 114.1550,
51.2350

■ 206.8170, 13.9370,
6.2330

■ 70.0540, 124.8370,
55.8850

■ 221.8970, 1.7880,
0.6360

■ 237.0910,
-10.6820, -4.6500

■ 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.



147.7680, 43.1370, 38.7290



144.9810, 64.0460, 28.7340



143.8170, 66.6630, 8.8310

Triad

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



144.9810, 64.0460, 28.7340



132.7980, -12.5560, -36.7800



116.8630, -115.4920, -10.4680

Complementary

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



144.9810, 64.0460, 28.7340



188.0190, -64.0460, -28.7340

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.



119.0510, -110.6300, -21.4940



144.9810, 64.0460, 28.7340



110.9910, -85.1790, -47.7310

Square

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



144.9810, 64.0460, 28.7340



138.7290, 27.4230, -28.9370



116.4800, -99.2570, -34.8810



142.9160, -42.7810, 20.9230

Rectangle

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



144.9810, 64.0460, 28.7340



142.4380, 59.8800, -5.9120



116.4800, -99.2570, -34.8810



118.0540, -114.7120, -13.5920

Sweetspot

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



144.9810, 64.0460, 28.7340



228.8180, 21.3640, 9.3000



152.0100, 22.6850, 56.9650



112.1050, 13.0660, 5.4980



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.



144.9810, 64.0460, 28.7340



146.4080, 88.0690, 39.4050



168.0390, 56.9900, 2.4140



104.4030, 6.2350, 2.6430



55.1320, 97.8340, 44.1540



15.0360, 26.6820, 12.0420

Inverse Universe

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



144.9810, 64.0460, 28.7340



146.4080, 88.0690, 39.4050



164.9610, -56.9900, -2.4140



104.4030, 6.2350, 2.6430



55.1320, 97.8340, 44.1540



15.0360, 26.6820, 12.0420

Previews

White Background



This preview shows how the YIQ color 144.9810, 64.0460, 28.7340 looks on a white background.

Color Contrast Check

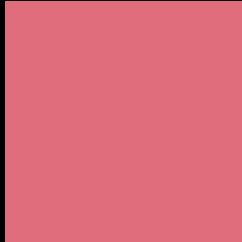
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.9810, 64.0460, 28.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

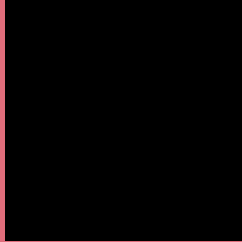
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.9810, 64.0460, 28.7340

Background



This preview shows how black text looks on a background with the YIQ color 144.9810, 64.0460, 28.7340.



This preview shows how white text looks on a background with the YIQ color 144.9810, 64.0460,

28.7340.

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

144.9810, 64.0460, 28.7340

Protanopia

145.8540, 3.3470, -0.0850

Deuteranopia

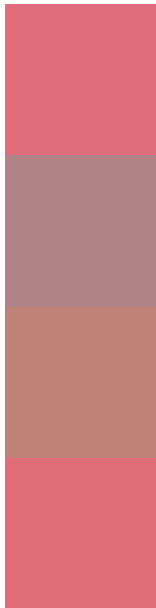
146.1630, 24.3460, -0.6940



Tritanopia

144.9980, 65.3760, 26.6560

Trichromacy



Original Color

144.9810, 64.0460, 28.7340

Protanomaly

145.4980, 25.2610, 10.2610

Deuteranomaly

145.9140, 38.6490, 9.9210

Tritanomaly

145.2260, 64.7340, 27.2780

Monochromacy



Original Color

144.9810, 64.0460, 28.7340

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.1280, 23.4270, 10.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.9810, 64.0460, 28.7340 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, 109, 123)` looks like.

```
.text, #text, p{  
    color:rgb(224, 109, 123)  
}
```

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, 109, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 109, 123) }
```

Border

The CSS property to change the border of an element to YIQ 144.9810, 64.0460, 28.7340 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, 109, 123) }
```


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

```
.border{ border-color:rgb(224, 109, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 109, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 109, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 109, 123);  
box-shadow:4px 4px 4px 4px rgb(224, 109,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 144.9810, 64.0460, 28.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 109, 123) }
```

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

```
.background{ background-color: rgb(224,  
109, 123) }
```

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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