

Converting Colors

YIQ(146.2960, 58.5450, 23.8010)

Have a look what the booklet for
YIQ(146.2960, 58.5450, 23.8010)
contains.

YIQ(146.2960, 58.5450, 23.8010)	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(146.2960, 58.5450,
23.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	D9737A
RGB	217, 115, 122
RGB Percent	85%, 45%, 48%
CMY	0.1488, 0.5492, 0.5213
CMYK	0.00, 0.47, 0.44, 0.15
HSL	356°, 57%, 65%
HSV	356°, 47%, 85%
XYZ	38.2763, 28.4196, 21.8993
YIQ	146.2960, 58.5450, 23.8010

Conversions

Conversions Part 2

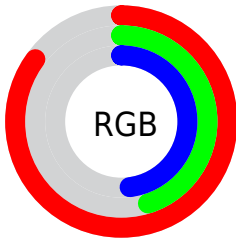
Format	Color
R _Y B	217, 115, 122
Decimal	14250874
CIE Lab	60.27, 40.50, 14.31
CIE LCh	60, 42.955, 19.464
Yxy	28.4196, 0.4320, 0.3208
Android (android.graphics.Color)	4292440954 (0xFFD9737A)
YUV	146.2960, -11.9779, 62.0074
Hunter-Lab	53.3101, 34.8692, 12.9612

Details

The YIQ color **146.2960, 58.5450, 23.8010** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **185.7040, -58.5450, -23.8010**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.2840, 49.6510, 19.7870**, and **92.9580, 53.6850, 23.7730** is the 20% darker color. If you saturate the color by 10%, you get **131.1020, 71.0150, 29.0870**, and if you desaturate by 10%, it is **161.4900, 46.0750, 18.5150**.

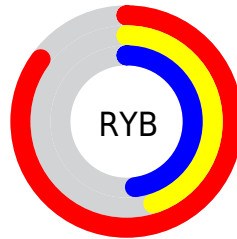
Distribution



Red (85%)

Green (45%)

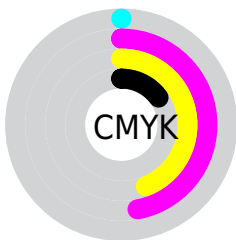
Blue (48%)



Red (85%)

Yellow (45%)

Blue (48%)

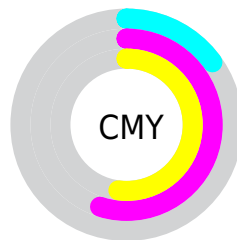


Cyan (0%)

Magenta (47%)

Yellow (44%)

Black (15%)



Cyan (15%)


Magenta (55%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.2960, 58.5450, 23.8010 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 146.2960, 58.5450, 23.8010 by changing the saturation by 10% instead.


 146.2960, 58.5450,
23.8010


 146.2960, 58.5450,
23.8010


255.0000, -0.0000,
-0.0000

 119.5130, 56.4360,
23.4760


 195.2840, 49.6510,
19.7870

 92.9580, 53.6850,
23.7730


 214.9120, 32.9630,
13.8510

 66.4030, 50.9340,
24.0700

 234.5400, 16.2750,
7.9150

 37.4400, 49.5120,
27.8160

254.4130, 0.2750,
0.5230

 23.1090, 42.7740,
17.7660

 15.4770, 29.7540,
11.4340

 0.0000, 0.0000,

0.0000

■ 146.2960, 58.5450,
23.8010

■ 146.2960, 58.5450,
23.8010

■ 131.1020, 71.0150,
29.0870

■ 161.4900, 46.0750,
18.5150

■ 116.4950, 83.2100,
33.8500

■ 176.0970, 33.8800,
13.7520

■ 101.1870, 96.0010,
38.8250

■ 191.4050, 21.0890,
8.7770

■ 85.9930, 108.4710,
44.1110

■ 206.5990, 8.6190,
3.4910

■ 70.7990, 120.9410,
49.3970

■ 221.2060, -3.5760,
-1.2720

■ 66.5930, 124.5170,
50.6690

■ 236.4000,
-16.0460, -6.5580

■ 243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



148.2360, 41.5790, 33.9230



146.2960, 58.5450, 23.8010



145.1150, 59.8320, 5.9760

Triad

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



146.2960, 58.5450, 23.8010



133.9490, -14.2990, -32.7230



126.7370, -88.5340, -3.4300

Complementary

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



146.2960, 58.5450, 23.8010



185.7040, -58.5450, -23.8010

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.



117.5350, -109.1170, -21.3810



146.2960, 58.5450, 23.8010



120.6560, -67.7580, -38.5580

Square

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



146.2960, 58.5450, 23.8010



139.7870, 21.5080, -26.3640



116.1210, -99.6240, -33.7360



145.4780, -32.7400, 20.6680

Rectangle

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



146.2960, 58.5450, 23.8010



143.9040, 52.6360, -6.7880



116.1210, -99.6240, -33.7360



116.1960, -112.2360, -14.4120

Sweetspot

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



146.2960, 58.5450, 23.8010



230.1060, 20.4930, 8.5650



154.7340, 23.2820, 51.6500



112.6920, 12.7910, 4.9750



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.



146.2960, 58.5450, 23.8010



155.8970, 82.0180, 33.4260



170.7390, 48.9670, -0.8650



102.2890, 6.5560, 2.3320



53.0950, 99.2560, 40.4080



14.0960, 26.4530, 10.6850

Inverse Universe

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



146.2960, 58.5450, 23.8010



155.8970, 82.0180, 33.4260



161.8480, -49.2420, 0.3420



102.2890, 6.5560, 2.3320



53.0950, 99.2560, 40.4080



14.0960, 26.4530, 10.6850

Previews

White Background



This preview shows how the YIQ color 146.2960, 58.5450, 23.8010 looks on a white background.

Color Contrast Check

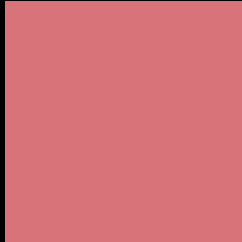
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.2960, 58.5450, 23.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

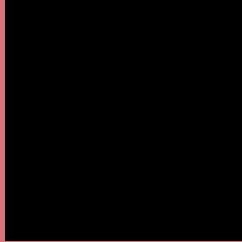
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.2960, 58.5450, 23.8010

Background



This preview shows how black text looks on a background with the YIQ color 146.2960, 58.5450, 23.8010.



This preview shows how white text looks on a background with the YIQ color 146.2960, 58.5450,

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

146.2960, 58.5450, 23.8010

Protanopia

145.6970, 5.2270, -1.1170

Deuteranopia

146.1630, 24.3460, -0.6940



Tritanopia

146.4100, 58.2240, 24.1120

Trichromacy



Original Color

146.2960, 58.5450, 23.8010

Protanomaly

145.7320, 24.4820, 7.8580

Deuteranomaly

146.0770, 36.6320, 7.9280

Tritanomaly

146.4100, 58.2240, 24.1120

Monochromacy



Original Color

146.2960, 58.5450, 23.8010

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.2910, 21.4100, 8.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.2960, 58.5450, 23.8010 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(217, 115, 122)` looks like.

```
.text, #text, p{  
    color:rgb(217, 115, 122)  
}
```

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(217, 115, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 115, 122) }
```

Border

The CSS property to change the border of an element to YIQ 146.2960, 58.5450, 23.8010 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(217, 115, 122) }
```


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

```
.border{ border-color:rgb(217, 115, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 115, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 115, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 115, 122);  
box-shadow:4px 4px 4px 4px rgb(217, 115,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 146.2960, 58.5450, 23.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 115, 122) }
```

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

```
.background{ background-color: rgb(217,  
115, 122) }
```

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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