

Converting Colors

YIQ(144.9740, 56.7560, 28.6920)

Have a look what the booklet for
YIQ(144.9740, 56.7560, 28.6920)
contains.

YIQ(144.9740, 56.7560, 28.6920)	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(144.9740, 56.7560,
28.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	D96F83
RGB	217, 111, 131
RGB Percent	85%, 44%, 51%
CMY	0.1488, 0.5649, 0.4861
CMYK	0.00, 0.49, 0.40, 0.15
HSL	349°, 58%, 64%
HSV	349°, 49%, 85%
XYZ	38.4153, 27.7614, 24.8255
YIQ	144.9740, 56.7560, 28.6920

Conversions

Conversions Part 2

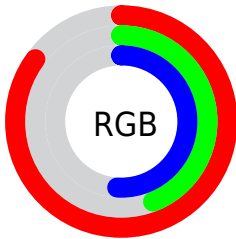
Format	Color
RYB	217, 111, 131
Decimal	14249859
CIELab	59.67, 43.50, 8.29
CIElCh	60, 44.287, 10.785
Yxy	27.7614, 0.4221, 0.3051
Android (android.graphics.Color)	4292439939 (0xFFD96F83)
YUV	144.9740, -6.8892, 63.1668
Hunter-Lab	52.6891, 37.9374, 8.9467

Details

The YIQ color **144.9740, 56.7560, 28.6920** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **183.0260, -56.7560, -28.6920**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **194.0760, 47.5410, 24.9890**, and **91.5220, 52.2170, 28.3530** is the 20% darker color. If you saturate the color by 10%, you get **130.0080, 68.5840, 34.6000**, and if you desaturate by 10%, it is **159.9400, 44.9280, 22.7840**.

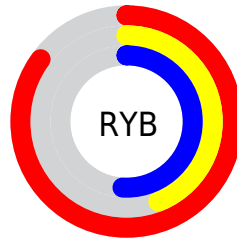
Distribution



Red (85%)

Green (44%)

Blue (51%)



Red (85%)

Yellow (44%)

Blue (51%)

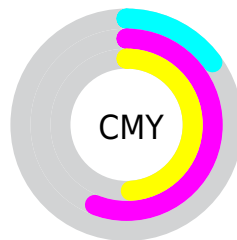


Cyan (0%)

Magenta (49%)

Yellow (40%)

Black (15%)



Cyan (15%)

Magenta (56%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.9740, 56.7560, 28.6920 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 144.9740, 56.7560, 28.6920 by changing the saturation by 10% instead.

■ 144.9740, 56.7560,
28.6920

■ 144.9740, 56.7560,
28.6920

255.0000, -0.0000,
-0.0000

■ 118.1910, 54.6470,
28.3670

■ 194.0760, 47.5410,
24.9890

■ 91.5220, 52.2170,
28.3530

■ 213.7040, 30.8530,
19.0530

■ 64.3800, 49.7410,
29.1730

■ 233.3320, 14.1650,
13.1170

■ 34.8300, 48.5940,
33.4420

■ 252.0650, 1.3750,
2.6150

■ 24.3630, 39.2430,
21.1870

■ 15.7760, 30.3500,
11.6460

■ 0.0000, 0.0000,

0.0000

■ 144.9740, 56.7560,
28.6920

■ 144.9740, 56.7560,
28.6920

■ 130.0080, 68.5840,
34.6000

■ 159.9400, 44.9280,
22.7840

■ 115.7430, 79.8160,
40.2960

■ 174.2050, 33.6960,
17.0880

■ 100.7770, 91.6440,
46.2040

■ 189.1710, 21.8680,
11.1800

■ 85.9250, 103.1510,
52.4230

■ 204.0230, 10.3610,
4.9610

■ 70.9590, 114.9790,
58.3310

■ 218.4020, -1.1920,
-0.4240

■ 69.5570, 116.1710,
58.7550

■ 233.3680,
-13.0200, -6.3320

■ 243.5240,
-22.3270, -8.3670

■ 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.



147.5820, 34.7930, 35.7610



144.9740, 56.7560, 28.6920



143.7720, 62.5360, 12.0400

Triad

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



144.9740, 56.7560, 28.6920



134.2230, -3.3870, -32.2430



115.7230, -112.2820, -13.5780

Complementary

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



144.9740, 56.7560, 28.6920



183.0260, -56.7560, -28.6920

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.



117.2100, -106.8240, -24.3920



144.9740, 56.7560, 28.6920



123.9800, -51.1150, -37.3150

Square

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



144.9740, 56.7560, 28.6920



138.7450, 30.4940, -24.0180



114.1660, -95.4970, -36.9450



140.1170, -47.9610, 15.6790

Rectangle

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



144.9740, 56.7560, 28.6920



142.7030, 57.8160, -1.5440



114.1660, -95.4970, -36.9450



116.8000, -111.1810, -17.0130

Sweetspot

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



144.9740, 56.7560, 28.6920



229.1600, 20.4010, 10.2330



148.4990, 16.6340, 50.9860



112.3330, 12.4240, 6.1200



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.



144.9740, 56.7560, 28.6920



153.0420, 80.4120, 40.5080



161.4780, 54.3760, 5.7360



102.5170, 5.9140, 2.9540



55.4890, 92.5150, 46.9390



14.7800, 24.5270, 12.5510

Inverse Universe

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



144.9740, 56.7560, 28.6920



153.0420, 80.4120, 40.5080



166.5220, -54.3760, -5.7360



102.5170, 5.9140, 2.9540



55.4890, 92.5150, 46.9390



14.7800, 24.5270, 12.5510

Previews

White Background



This preview shows how the YIQ color 144.9740, 56.7560, 28.6920 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 144.9740, 56.7560, 28.6920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

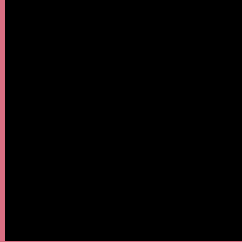
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.9740, 56.7560, 28.6920

Background



This preview shows how black text looks on a background with the YIQ color 144.9740, 56.7560, 28.6920.



This preview shows how white text looks on a background with the YIQ color 144.9740, 56.7560,

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

144.9740, 56.7560, 28.6920

Protanopia

144.2820, -0.7340, 2.2900

Deuteranopia

145.2920, 19.6690, 1.4690



Tritanopia

144.7090, 58.8200, 24.3240

Trichromacy



Original Color

144.9740, 56.7560, 28.6920

Protanomaly

144.2140, 20.3090, 11.9010

Deuteranomaly

145.3310, 33.1010, 11.3490

Tritanomaly

144.5780, 57.8110, 26.0910

Monochromacy



Original Color

144.9740, 56.7560, 28.6920

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.1600, 20.4010, 10.2330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.9740, 56.7560, 28.6920 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, 111, 131)` looks like.

```
.text, #text, p{  
    color:rgb(217, 111, 131)  
}
```

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, 111, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 111, 131) }
```

Border

The CSS property to change the border of an element to YIQ 144.9740, 56.7560, 28.6920 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, 111, 131) }
```


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

```
.border{ border-color:rgb(217, 111, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 111, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 111, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 111, 131);  
box-shadow:4px 4px 4px 4px rgb(217, 111,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 144.9740, 56.7560, 28.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 111, 131) }
```

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

```
.background{ background-color: rgb(217,  
111, 131) }
```

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