

Converting Colors

YIQ(145.4890, 56.9840, 35.5760)

Have a look what the booklet for
YIQ(145.4890, 56.9840, 35.5760)
contains.

YIQ(145.4890, 56.9840, 35.5760)	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(145.4890, 56.9840,
35.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6B8F
RGB	222, 107, 143
RGB Percent	87%, 42%, 56%
CMY	0.1291, 0.5806, 0.4390
CMYK	0.00, 0.52, 0.36, 0.13
HSL	341°, 64%, 65%
HSV	341°, 52%, 87%
XYZ	40.3618, 28.0316, 29.2900
YIQ	145.4890, 56.9840, 35.5760

Conversions

Conversions Part 2

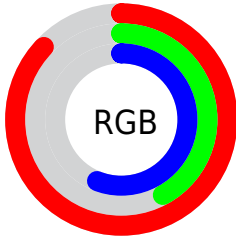
Format	Color
R _Y B	222, 107, 143
Decimal	14576527
CIE Lab	59.92, 48.59, 1.78
CIE LCh	60, 48.624, 2.104
Yxy	28.0316, 0.4132, 0.2870
Android (android.graphics.Color)	4292766607 (0xFFDE6B8F)
YUV	145.4890, -1.2271, 67.1001
Hunter-Lab	52.9448, 43.4235, 4.2611

Details

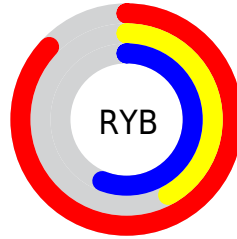
The YIQ color **145.4890, 56.9840, 35.5760** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **183.5110, -56.9840, -35.5760**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **193.2100, 44.4680, 31.1240**, and **90.4500, 52.7200, 35.7600** is the 20% darker color. If you saturate the color by 10%, you get **130.8650, 67.8490, 42.4170**, and if you desaturate by 10%, it is **160.1130, 46.1190, 28.7350**.

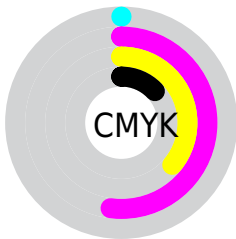
Distribution



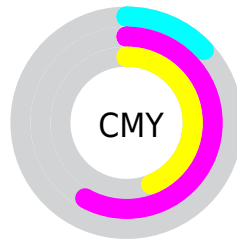
- Red (87%)
- Green (42%)
- Blue (56%)



- Red (87%)
- Yellow (42%)
- Blue (56%)



- Cyan (0%)
- Magenta (52%)
- Yellow (36%)
- Black (13%)





- Cyan (13%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.4890, 56.9840, 35.5760 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 145.4890, 56.9840, 35.5760 by changing the saturation by 10% instead.


 145.4890, 56.9840,
35.5760


 145.4890, 56.9840,
35.5760


255.0000, -0.0000,
-0.0000


 118.1190, 55.1500,
35.7740


 193.2100, 44.4680,
31.1240

 90.7490, 53.3160,
35.9720


 212.8380, 27.7800,
25.1880


 61.7320, 51.9860,
38.0500

 233.0530, 10.8170,
18.7290

 37.3510, 48.6850,
37.3010

 250.3040, 2.2000,
4.1840

 26.6990, 38.4170,
25.1450

 16.9720, 32.7340,
12.4940

 3.8870, 7.7480,

2.7560

■ 0.0000, 0.0000,
0.0000

■ 145.4890, 56.9840,
35.5760

■ 145.4890, 56.9840,
35.5760

■ 130.8650, 67.8490,
42.4170

■ 160.1130, 46.1190,
28.7350

■ 116.2410, 78.7140,
49.2580

■ 174.8510, 34.9330,
22.2050

■ 100.9160, 90.1750,
56.3110

■ 190.0620, 23.7930,
14.8410

■ 86.2920, 101.0400,
63.1520

■ 204.6860, 12.9280,
8.0000

■ 74.3580, 109.8420,
68.8340

■ 219.3100, 2.0630,
1.1590

■ 234.0480, -9.1230,
-5.3710

■ 244.5630,
-18.0630, -8.5510

■ 245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



148.0960, 27.5940, 39.5780



145.4890, 56.9840, 35.5760



143.9240, 68.2200, 19.1640

Triad

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



145.4890, 56.9840, 35.5760



135.2150, 8.2590, -34.0530



118.2990, -114.0240, -15.0480

Complementary

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



145.4890, 56.9840, 35.5760



183.5110, -56.9840, -35.5760

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.



118.4010, -106.0440, -27.5160



145.4890, 56.9840, 35.5760



125.6730, -40.0650, -39.3370

Square

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



145.4890, 56.9840, 35.5760



139.8450, 41.9560, -22.4920



114.0860, -92.5160, -41.4120



132.8300, -75.1940, 8.1180

Rectangle

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



145.4890, 56.9840, 35.5760



142.9970, 65.9760, 4.7600



114.0860, -92.5160, -41.4120



119.1480, -112.2810, -19.1050

Sweetspot

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



145.4890, 56.9840, 35.5760



227.7410, 20.2630, 12.7350



143.7310, 10.1690, 52.5130



111.3870, 12.3320, 7.7880



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.



145.4890, 56.9840, 35.5760



149.8280, 78.4390, 48.7350



153.7120, 62.7650, 13.3970



104.6310, 5.5930, 3.2650



58.8940, 87.2410, 54.4170



16.0620, 23.7930, 14.8410

Inverse Universe

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



145.4890, 56.9840, 35.5760



149.8280, 78.4390, 48.7350



175.2880, -62.7650, -13.3970



104.6310, 5.5930, 3.2650



58.8940, 87.2410, 54.4170



16.0620, 23.7930, 14.8410

Previews

White Background



This preview shows how the YIQ color 145.4890, 56.9840, 35.5760 looks on a white background.

Color Contrast Check

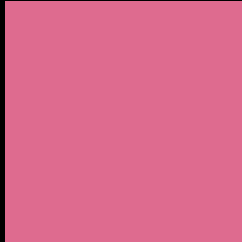
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.4890, 56.9840, 35.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

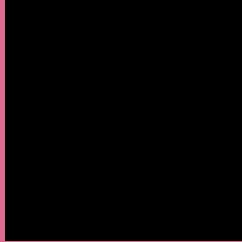
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.4890, 56.9840, 35.5760

Background



This preview shows how black text looks on a background with the YIQ color 145.4890, 56.9840, 35.5760.



This preview shows how white text looks on a background with the YIQ color 145.4890, 56.9840,

35.5760.

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

145.4890, 56.9840, 35.5760

Protanopia

145.4970, -8.5290, 5.8950

Deuteranopia

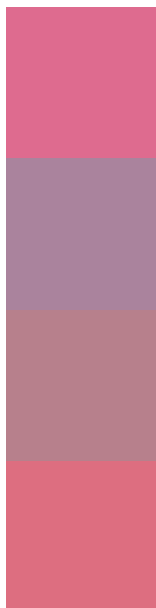
146.0510, 13.1580, 3.8300



Tritanopia

144.5030, 62.3960, 25.5960

Trichromacy



Original Color

145.4890, 56.9840, 35.5760

Protanomaly

145.6250, 14.8980, 16.3540

Deuteranomaly

145.8130, 28.9280, 15.3920

Tritanomaly

145.2410, 60.3780, 29.1300

Monochromacy



Original Color

145.4890, 56.9840, 35.5760

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.0400, 20.8590, 12.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.4890, 56.9840, 35.5760 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(222, 107, 143)` looks like.

```
.text, #text, p{  
    color:rgb(222, 107, 143)  
}
```

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(222, 107, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 107, 143) }
```

Border

The CSS property to change the border of an element to YIQ 145.4890, 56.9840, 35.5760 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(222, 107, 143) }
```


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

```
.border{ border-color:rgb(222, 107, 143) }
```

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

Here you see how a box with a 4 pixel rgb(222, 107, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 107, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 107, 143);  
box-shadow:4px 4px 4px 4px rgb(222, 107,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 145.4890, 56.9840, 35.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 107, 143) }
```

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

```
.background{ background-color: rgb(222,  
107, 143) }
```

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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