

Converting Colors

YIQ(135.6830, 53.6820, 40.3540)

Have a look what the booklet for
YIQ(135.6830, 53.6820, 40.3540)
contains.

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Color

**YIQ(135.6830, 53.6820,
40.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	D45F91
RGB	212, 95, 145
RGB Percent	83%, 37%, 57%
CMY	0.1683, 0.6276, 0.4312
CMYK	0.00, 0.55, 0.32, 0.17
HSL	334°, 58%, 60%
HSV	334°, 55%, 83%
XYZ	36.3762, 24.2301, 29.5657
YIQ	135.6830, 53.6820, 40.3540

Conversions

Conversions Part 2

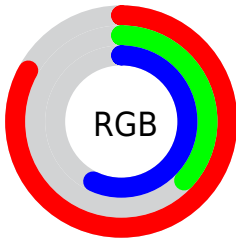
Format	Color
R _Y B	212, 95, 145
Decimal	13918097
CIE Lab	56.32, 51.31, -4.83
CIE LCh	56, 51.533, 354.627
Yxy	24.2301, 0.4034, 0.2687
Android (android.graphics.Color)	4292108177 (0xFFD45F91)
YUV	135.6830, 4.5933, 66.9300
Hunter-Lab	49.2241, 45.7680, -1.1548

Details

The YIQ color **135.6830, 53.6820, 40.3540** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **171.3170, -53.6820, -40.3540**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3940, 47.1260, 38.0220**, and **79.7690, 50.5640, 41.7960** is the 20% darker color. If you saturate the color by 10%, you get **121.9880, 63.3090, 47.6050**, and if you desaturate by 10%, it is **149.3780, 44.0550, 33.1030**.

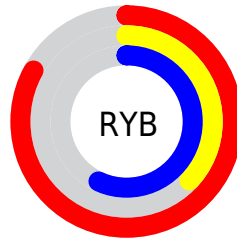
Distribution



Red (83%)

Green (37%)

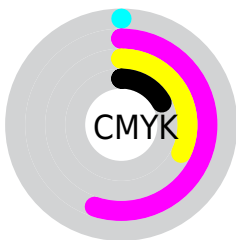
Blue (57%)



Red (83%)

Yellow (37%)

Blue (57%)

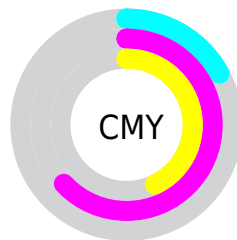


Cyan (0%)

Magenta (55%)

Yellow (32%)

Black (17%)



Cyan (17%)


Magenta (63%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.6830, 53.6820, 40.3540 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 135.6830, 53.6820, 40.3540 by changing the saturation by 10% instead.


 135.6830, 53.6820,
40.3540


 135.6830, 53.6820,
40.3540


255.0000, -0.0000,
-0.0000


 108.1990, 52.1690,
40.2410


 186.3940, 47.1260,
38.0220

 79.7690, 50.5640,
41.7960


 206.0220, 30.4380,
32.0860


 45.7680, 52.3050,
48.7930

 226.2370, 13.4750,
25.6270

 34.8880, 42.6790,
36.0150

 243.2600, 5.5000,
10.4600

 24.4210, 33.3280,
23.7600

 14.2810, 27.3700,
10.5860

 0.0000, 0.0000,

0.0000

■ 135.6830, 53.6820,
40.3540

■ 135.6830, 53.6820,
40.3540

■ 121.9880, 63.3090,
47.6050

■ 149.3780, 44.0550,
33.1030

■ 108.2930, 72.9360,
54.8560

■ 163.0730, 34.4280,
25.8520

■ 94.0110, 82.8380,
62.6300

■ 177.3550, 24.5260,
18.0780

■ 80.2020, 92.7860,
69.5700

■ 191.1640, 14.5780,
11.1380

■ 73.7620, 97.1410,
73.2450

■ 204.8590, 4.9510,
3.8870

■ 218.5540, -4.6760,
-3.3640

■ 232.2490,
-14.3030, -10.6150

■ 240.6610,
-21.4550, -13.1590

■ 242.0290,
-25.3070, -9.4270

Harmonies

Analogous

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



139.2460, 18.4240, 40.5680



135.6830, 53.6820, 40.3540



133.5100, 69.6860, 25.6380

Triad

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



135.6830, 53.6820, 40.3540



126.6630, 18.6210, -34.6190



112.8220, -108.2470, -15.1190

Complementary

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



135.6830, 53.6820, 40.3540



171.3170, -53.6820, -40.3540

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.



111.6530, -98.0660, -28.9300



135.6830, 53.6820, 40.3540



117.8930, -29.0610, -40.5250

Square

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



135.6830, 53.6820, 40.3540



130.5040, 50.3460, -20.3580



105.8220, -83.0250, -42.7130



108.8900, -110.9540, -4.6020

Rectangle

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



135.6830, 53.6820, 40.3540



133.1380, 70.1930, 10.9370



105.8220, -83.0250, -42.7130



112.8560, -105.5870, -19.2750

Sweetspot

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



135.6830, 53.6820, 40.3540



226.9090, 19.8500, 14.7140



128.0720, 1.7790, 50.3790



111.0280, 11.9650, 8.9330



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.



135.6830, 53.6820, 40.3540



145.4400, 77.0160, 58.0080



134.6790, 67.5320, 20.6200



99.8590, 4.9510, 3.8870



59.4510, 78.4830, 58.9550



15.0230, 19.5290, 15.0250

Inverse Universe

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



135.6830, 53.6820, 40.3540



145.4400, 77.0160, 58.0080



172.3210, -67.5320, -20.6200



99.8590, 4.9510, 3.8870



59.4510, 78.4830, 58.9550



15.0230, 19.5290, 15.0250

Previews

White Background



This preview shows how the YIQ color 135.6830, 53.6820, 40.3540 looks on a white background.

Color Contrast Check

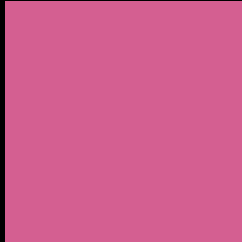
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.6830, 53.6820, 40.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

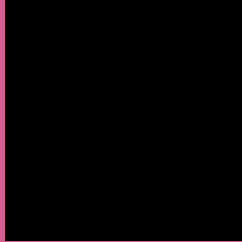
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.6830, 53.6820, 40.3540

Background



This preview shows how black text looks on a background with the YIQ color 135.6830, 53.6820, 40.3540.



This preview shows how white text looks on a background with the YIQ color 135.6830, 53.6820,

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

135.6830, 53.6820, 40.3540

Protanopia

136.0110, -15.7280, 9.7120

Deuteranopia

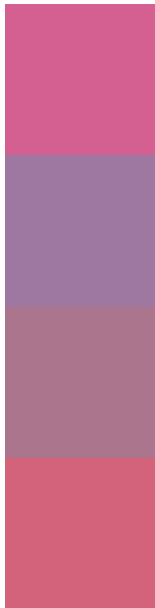
136.6960, 6.9680, 5.8800



Tritanopia

134.7910, 61.5250, 24.8610

Trichromacy



Original Color

135.6830, 53.6820, 40.3540

Protanomaly

136.0360, 9.4870, 20.8070

Deuteranomaly

136.4690, 24.2050, 18.3890

Tritanomaly

134.8110, 58.7730, 30.6850

Monochromacy



Original Color

135.6830, 53.6820, 40.3540

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.9090, 19.8500, 14.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.6830, 53.6820, 40.3540 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(212, 95, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 95, 145)  
}
```

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(212, 95, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 95, 145) }
```

Border

The CSS property to change the border of an element to YIQ 135.6830, 53.6820, 40.3540 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(212, 95, 145) }
```


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

```
.border{ border-color:rgb(212, 95, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 95, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 95, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 95, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 95,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 135.6830, 53.6820, 40.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 95, 145) }
```

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

```
.background{ background-color: rgb(212, 95,  
145) }
```

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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