

Converting Colors

YIQ(138.9190, 58.5890, 34.0210)

Have a look what the booklet for
YIQ(138.9190, 58.5890, 34.0210)
contains.

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Color

**YIQ(138.9190, 58.5890,
34.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	D86584
RGB	216, 101, 132
RGB Percent	85%, 40%, 52%
CMY	0.1526, 0.6041, 0.4821
CMYK	0.00, 0.53, 0.39, 0.15
HSL	344°, 60%, 62%
HSV	344°, 53%, 85%
XYZ	37.1585, 25.5757, 24.8270
YIQ	138.9190, 58.5890, 34.0210

Conversions

Conversions Part 2

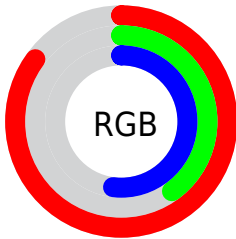
Format	Color
R _{YB}	216, 101, 132
Decimal	14181764
CIE _{Lab}	57.63, 48.22, 4.77
CIE _{LCh}	58, 48.458, 5.645
Yxy	25.5757, 0.4244, 0.2921
Android (android.graphics.Color)	4292371844 (0xFFD86584)
YUV	138.9190, -3.4111, 67.6000
Hunter-Lab	50.5724, 42.6525, 6.2941

Details

The YIQ color **138.9190, 58.5890, 34.0210** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **178.0810, -58.5890, -34.0210**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3200, 49.9700, 30.5300**, and **83.9940, 54.0040, 34.5160** is the 20% darker color. If you saturate the color by 10%, you get **124.1810, 69.7750, 40.5510**, and if you desaturate by 10%, it is **153.6570, 47.4030, 27.4910**.

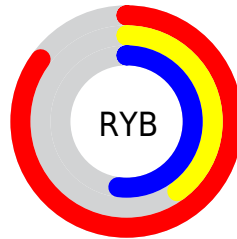
Distribution



Red (85%)

Green (40%)

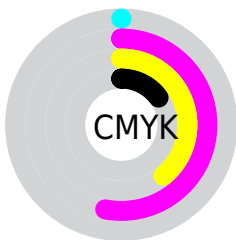
Blue (52%)



Red (85%)

Yellow (40%)

Blue (52%)

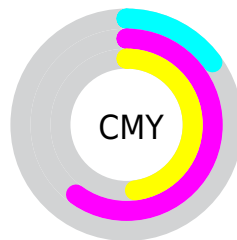


Cyan (0%)

Magenta (53%)

Yellow (39%)

Black (15%)



Cyan (15%)


Magenta (60%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.9190, 58.5890, 34.0210 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 138.9190, 58.5890, 34.0210 by changing the saturation by 10% instead.


 138.9190, 58.5890,
34.0210


 138.9190, 58.5890,
34.0210


255.0000, -0.0000,
-0.0000


 111.5490, 56.7550,
34.2190


 188.3200, 49.9700,
30.5300

 84.2930, 54.6000,
34.7280


 207.9480, 33.2820,
24.5940


 54.2160, 53.4990,
38.1630

 228.1630, 16.3190,
18.1350

 34.5310, 47.9980,
33.2300

 246.7820, 3.8500,
7.3220

 23.8790, 37.7300,
21.0740

 14.8790, 28.5620,
11.0100

 0.0000, 0.0000,

0.0000

■ 138.9190, 58.5890,
34.0210

■ 138.9190, 58.5890,
34.0210

■ 124.1810, 69.7750,
40.5510

■ 153.6570, 47.4030,
27.4910

■ 110.1440, 80.3650,
46.8690

■ 167.8080, 36.4920,
21.4840

■ 95.4060, 91.5510,
53.3990

■ 182.4320, 25.6270,
14.6430

■ 81.2550, 102.4620,
59.4060

■ 196.5830, 14.7160,
8.6360

■ 71.1960, 110.1180,
63.8300

■ 211.3210, 3.5300,
2.1060

■ 226.0590, -7.6560,
-4.4240

■ 240.0960,
-18.2460, -10.7420

■ 243.3390,
-23.2440, -8.2680

Harmonies

Analogous

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



142.1350, 31.8580, 39.3940



138.9190, 58.5890, 34.0210



137.1580, 67.4410, 16.7610

Triad

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



138.9190, 58.5890, 34.0210



128.4640, 3.1240, -34.6040



113.7340, -110.8150, -12.6310

Complementary

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



138.9190, 58.5890, 34.0210



178.0810, -58.5890, -34.0210

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.



114.0640, -103.4770, -24.4770



138.9190, 58.5890, 34.0210



117.2420, -49.0970, -40.8490

Square

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



138.9190, 58.5890, 34.0210



133.5240, 38.4260, -24.5980



109.8630, -90.2700, -38.0620



129.4290, -66.5750, 11.6090

Rectangle

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



138.9190, 58.5890, 34.0210



136.6330, 64.0050, 1.9330



109.8630, -90.2700, -38.0620



114.6970, -109.3930, -16.3770

Sweetspot

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



138.9190, 58.5890, 34.0210



227.5130, 20.9050, 12.1130



138.6280, 11.9570, 53.1490



111.2730, 12.6530, 7.4770



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.



138.9190, 58.5890, 34.0210



145.7530, 83.0240, 48.2400



150.0600, 61.6650, 11.3050



99.6310, 5.5930, 3.2650



56.3730, 87.1500, 50.5580



14.2250, 21.7760, 12.8480

Inverse Universe

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



138.9190, 58.5890, 34.0210



145.7530, 83.0240, 48.2400



166.9400, -61.6650, -11.3050



99.6310, 5.5930, 3.2650



56.3730, 87.1500, 50.5580



14.2250, 21.7760, 12.8480

Previews

White Background



This preview shows how the YIQ color 138.9190, 58.5890, 34.0210 looks on a white background.

Color Contrast Check

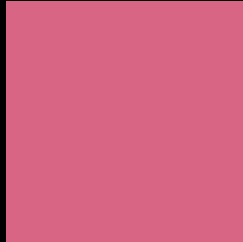
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9190, 58.5890, 34.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

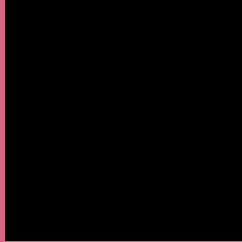
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.9190, 58.5890, 34.0210

Background



This preview shows how black text looks on a background with the YIQ color 138.9190, 58.5890, 34.0210.



This preview shows how white text looks on a background with the YIQ color 138.9190, 58.5890,

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

138.9190, 58.5890, 34.0210

Protanopia

139.4110, -5.4110, 4.4530

Deuteranopia

140.0790, 15.9550, 2.6990



Tritanopia

138.6880, 63.3130, 25.4970

Trichromacy



Original Color

138.9190, 58.5890, 34.0210

Protanomaly

139.5390, 18.0160, 14.9120

Deuteranomaly

139.5420, 31.1290, 14.0490

Tritanomaly

138.8990, 61.3410, 28.1970

Monochromacy



Original Color

138.9190, 58.5890, 34.0210

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.8120, 21.5010, 12.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.9190, 58.5890, 34.0210 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(216, 101, 132)` looks like.

```
.text, #text, p{  
    color:rgb(216, 101, 132)  
}
```

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(216, 101, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 101, 132) }
```

Border

The CSS property to change the border of an element to YIQ 138.9190, 58.5890, 34.0210 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(216, 101, 132) }
```


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

```
.border{ border-color:rgb(216, 101, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 101, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 101, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 101, 132);  
box-shadow:4px 4px 4px 4px rgb(216, 101,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 138.9190, 58.5890, 34.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 101, 132) }
```

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

```
.background{ background-color: rgb(216,  
101, 132) }
```

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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