

Converting Colors

YIQ(138.0300, 45.1550, 35.1950)

Have a look what the booklet for
YIQ(138.0300, 45.1550, 35.1950)
contains.

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Color

**YIQ(138.0300, 45.1550,
35.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	CB6794
RGB	203, 103, 148
RGB Percent	80%, 40%, 58%
CMY	0.2037, 0.5962, 0.4195
CMYK	0.00, 0.49, 0.27, 0.20
HSL	333°, 49%, 60%
HSV	333°, 49%, 80%
XYZ	34.8414, 24.5375, 30.9321
YIQ	138.0300, 45.1550, 35.1950

Conversions

Conversions Part 2

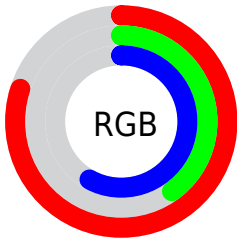
Format	Color
R_{YB}	203, 103, 148
Decimal	13330324
CIE _{Lab}	56.62, 44.81, -6.27
CIE _{LCh}	57, 45.250, 352.041
Yxy	24.5375, 0.3858, 0.2717
Android (android.graphics.Color)	4291520404 (0xFFCB6794)
YUV	138.0300, 4.9152, 56.9787
Hunter-Lab	49.5353, 38.8637, -2.3487

Details

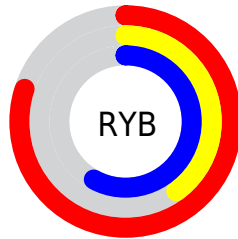
The YIQ color **138.0300, 45.1550, 35.1950** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **167.9700, -45.1550, -35.1950**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.4320, 43.9630, 34.7710**, and **84.6490, 41.8540, 34.4460** is the 20% darker color. If you saturate the color by 10%, you get **125.0360, 54.1860, 42.2340**, and if you desaturate by 10%, it is **151.0240, 36.1240, 28.1560**.

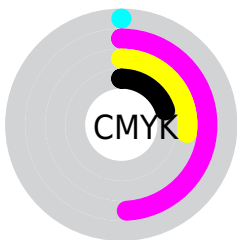
Distribution



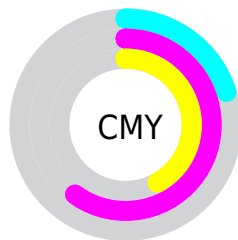
- Red (80%)
- Green (40%)
- Blue (58%)



- Red (80%)
- Yellow (40%)
- Blue (58%)



- Cyan (0%)
- Magenta (49%)
- Yellow (27%)
- Black (20%)





- Cyan (20%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.0300, 45.1550, 35.1950 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 138.0300, 45.1550, 35.1950 by changing the saturation by 10% instead.


 138.0300, 45.1550,
35.1950


 138.0300, 45.1550,
35.1950


255.0000, -0.0000,
-0.0000


 111.1330, 43.3670,
34.5590


 191.4320, 43.9630,
34.7710

 84.6490, 41.8540,
34.4460


 210.4730, 27.5500,
29.3580


 56.9310, 41.1200,
36.7360

 230.3460, 11.5500,
21.9660

 33.3220, 38.4610,
35.3650

 247.3690, 3.5750,
6.7990

 22.8550, 29.1100,
23.1100

 13.0850, 24.9860,
9.7380

 0.0000, 0.0000,

0.0000

■ 138.0300, 45.1550,
35.1950

■ 138.0300, 45.1550,
35.1950

■ 125.0360, 54.1860,
42.2340

■ 151.0240, 36.1240,
28.1560

■ 111.4550, 63.4920,
49.7960

■ 164.6050, 26.8180,
20.5940

■ 98.4610, 72.5230,
56.8350

■ 177.7130, 17.4660,
13.8660

■ 85.3530, 81.8750,
63.5630

■ 190.7070, 8.4350,
6.8270

■ 71.7720, 91.1810,
71.1250

■ 203.7010, -0.5960,
-0.2120

■ 71.0710, 91.7770,
71.3370

■ 217.2820, -9.9020,
-7.7740

■ 230.2760,
-18.9330, -14.8130

■ 237.4000,
-25.2140, -16.6220

■ 238.7680,
-29.0660, -12.8900

Harmonies

Analogous

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



140.0340, 12.9690, 34.8010



138.0300, 45.1550, 35.1950



135.8510, 61.2960, 23.5040

Triad

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



138.0300, 45.1550, 35.1950



128.9500, 19.4910, -28.3570



111.6820, -105.0370, -18.2290

Complementary

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



138.0300, 45.1550, 35.1950



167.9700, -45.1550, -35.1950

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.



109.6810, -95.2690, -30.0610



138.0300, 45.1550, 35.1950



123.1440, -19.3420, -34.9420

Square

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



138.0300, 45.1550, 35.1950



132.8120, 46.7230, -15.2690



105.1210, -82.4290, -42.5010



108.9350, -106.8270, -7.8110

Rectangle

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



138.0300, 45.1550, 35.1950



135.2450, 62.5820, 11.2060



105.1210, -82.4290, -42.5010



111.2430, -102.4230, -21.5510

Sweetspot

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



138.0300, 45.1550, 35.1950



230.3000, 17.1910, 13.3430



130.2470, -0.5120, 42.3360



113.0170, 10.4980, 7.9860



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.



138.0300, 45.1550, 35.1950



157.4880, 67.8930, 52.6370



134.6610, 58.7750, 19.6310



95.4460, 4.6760, 3.3640



58.1840, 74.8610, 58.5170



13.3000, 17.1910, 13.3430

Inverse Universe

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



138.0300, 45.1550, 35.1950



157.4880, 67.8930, 52.6370



171.3390, -58.7750, -19.6310



95.4460, 4.6760, 3.3640



58.1840, 74.8610, 58.5170



13.3000, 17.1910, 13.3430

Previews

White Background



This preview shows how the YIQ color 138.0300, 45.1550, 35.1950 looks on a white background.

Color Contrast Check

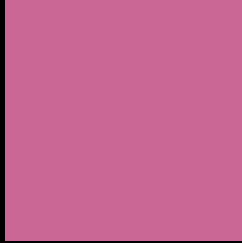
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.0300, 45.1550, 35.1950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

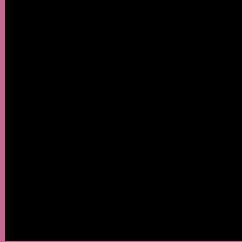
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.0300, 45.1550, 35.1950

Background



This preview shows how black text looks on a background with the YIQ color 138.0300, 45.1550, 35.1950.



This preview shows how white text looks on a background with the YIQ color 138.0300, 45.1550,

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

138.0300, 45.1550, 35.1950

Protanopia

136.7830, -15.0860, 9.0900

Deuteranopia

137.4400, 4.8130, 6.3890



Tritanopia

137.1210, 51.6680, 21.7800

Trichromacy



Original Color

138.0300, 45.1550, 35.1950

Protanomaly

136.9000, 6.8740, 18.6020

Deuteranomaly

137.4900, 19.7120, 17.2160

Tritanomaly

137.5000, 49.2830, 26.4590

Monochromacy



Original Color

138.0300, 45.1550, 35.1950

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0010, 16.5950, 13.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.0300, 45.1550, 35.1950 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(203, 103, 148)` looks like.

```
.text, #text, p{  
    color:rgb(203, 103, 148)  
}
```

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(203, 103, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 103, 148) }
```

Border

The CSS property to change the border of an element to YIQ 138.0300, 45.1550, 35.1950 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(203, 103, 148) }
```


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

```
.border{ border-color:rgb(203, 103, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 103, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 103, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 103, 148);  
box-shadow:4px 4px 4px 4px rgb(203, 103,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 138.0300, 45.1550, 35.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 103, 148) }
```

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

```
.background{ background-color: rgb(203,  
103, 148) }
```

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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