

Converting Colors

YIQ(150.5760, 34.9300, 38.7860)

Have a look what the booklet for
YIQ(150.5760, 34.9300, 38.7860)
contains.

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Color

**YIQ(150.5760, 34.9300,
38.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	D074B2
RGB	208, 116, 178
RGB Percent	82%, 45%, 70%
CMY	0.1841, 0.5452, 0.3019
CMYK	0.00, 0.44, 0.14, 0.18
HSL	320°, 50%, 64%
HSV	320°, 44%, 82%
XYZ	40.3100, 29.1166, 45.6271
YIQ	150.5760, 34.9300, 38.7860

Conversions

Conversions Part 2

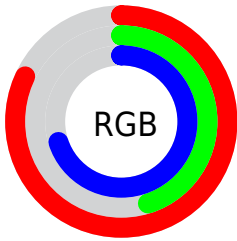
Format	Color
RYB	208, 116, 178
Decimal	13661362
CIELab	60.88, 44.26, -17.10
CIElCh	61, 47.452, 338.871
Yxy	29.1166, 0.3504, 0.2531
Android (android.graphics.Color)	4291851442 (0xFFD074B2)
YUV	150.5760, 13.5200, 50.3608
Hunter-Lab	53.9598, 38.9167, -12.3624

Details

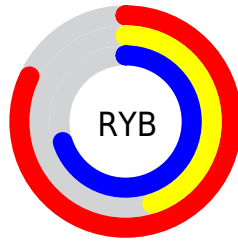
The YIQ color **150.5760, 34.9300, 38.7860** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **173.4240, -34.9300, -38.7860**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.7110, 30.1160, 37.9240**, and **97.2660, 32.8670, 37.6270** is the 20% darker color. If you saturate the color by 10%, you get **137.4510, 42.9520, 47.5920**, and if you desaturate by 10%, it is **163.7010, 26.9080, 29.9800**.

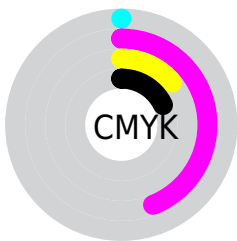
Distribution



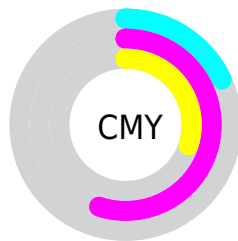
- Red (82%)
- Green (45%)
- Blue (70%)



- Red (82%)
- Yellow (45%)
- Blue (70%)



- Cyan (0%)
- Magenta (44%)
- Yellow (14%)
- Black (18%)




- Cyan (18%)
- Magenta (55%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.5760, 34.9300, 38.7860 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 150.5760, 34.9300, 38.7860 by changing the saturation by 10% instead.


 150.5760, 34.9300,
38.7860


 150.5760, 34.9300,
38.7860


255.0000, -0.0000,
-0.0000

 123.8640, 34.0590,
38.0510


 202.7110, 30.1160,
37.9240


 97.2660, 32.8670,
37.6270


 221.5410, 15.6750,
29.8110

 70.7820, 31.3540,
37.5140

 238.5640, 7.7000,
14.6440

 40.9010, 32.6370,
41.7970

 27.5700, 25.8990,
31.7470

 18.2990, 18.9320,
20.3400

 3.7450, 5.2720,

3.5760

■ 0.0000, 0.0000,
0.0000

■ 150.5760, 34.9300,
38.7860

■ 150.5760, 34.9300,
38.7860

■ 137.4510, 42.9520,
47.5920

■ 163.7010, 26.9080,
29.9800

■ 124.3260, 50.9740,
56.3980

■ 176.8260, 18.8860,
21.1740

■ 111.9020, 58.4000,
64.9920

■ 189.2500, 11.4600,
12.5800

■ 98.7770, 66.4220,
73.7980

■ 202.3750, 3.4380,
3.7740

■ 85.6520, 74.4440,
82.6040

■ 215.5000, -4.5840,
-5.0320

■ 78.1520, 79.0280,
87.6360

■ 228.6250,
-12.6060, -13.8380

■ 237.6410,
-18.7030, -18.9830

■ 238.3250,
-20.6290, -17.1170

■ 239.1230,
-22.8760, -14.9400

Harmonies

Analogous

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



150.6990, -5.1410, 32.6110



150.5760, 34.9300, 38.7860



147.9360, 59.9190, 31.9430

Triad

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



150.5760, 34.9300, 38.7860



141.8440, 34.5290, -25.5590



120.0140, -109.2080, -25.2400

Complementary

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



150.5760, 34.9300, 38.7860



173.4240, -34.9300, -38.7860

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.



116.6280, -96.9180, -38.7260



150.5760, 34.9300, 38.7860



136.4250, -1.1400, -34.4200

Square

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



150.5760, 34.9300, 38.7860



144.7150, 57.5420, -7.5940



125.5020, -52.7650, -40.4530



118.8690, -115.6290, -13.4930

Rectangle

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



150.5760, 34.9300, 38.7860



146.6080, 66.2940, 21.0300



125.5020, -52.7650, -40.4530



119.2330, -105.6310, -29.4950

Sweetspot

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



150.5760, 34.9300, 38.7860



234.3750, 12.6060, 13.8380



135.1590, -12.2480, 34.7600



114.8750, 8.0220, 8.8060



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.



150.5760, 34.9300, 38.7860



170.7390, 51.2490, 56.9210



145.4460, 49.3750, 24.7910



98.0870, 4.3090, 4.5090



63.1140, 63.8550, 70.7590



15.3370, 15.7690, 17.0890

Inverse Universe

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



150.5760, 34.9300, 38.7860



170.7390, 51.2490, 56.9210



178.5540, -49.3750, -24.7910



98.0870, 4.3090, 4.5090



63.1140, 63.8550, 70.7590



15.3370, 15.7690, 17.0890

Previews

White Background



This preview shows how the YIQ color 150.5760, 34.9300, 38.7860 looks on a white background.

Color Contrast Check

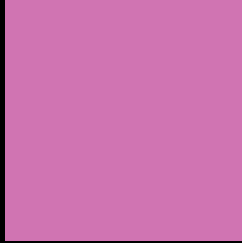
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.5760, 34.9300, 38.7860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

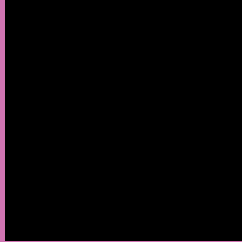
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 150.5760, 34.9300, 38.7860

Background



This preview shows how black text looks on a background with the YIQ color 150.5760, 34.9300, 38.7860.



This preview shows how white text looks on a background with the YIQ color 150.5760, 34.9300,

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

150.5760, 34.9300, 38.7860

Protanopia

147.2690, -25.0820, 14.0380

Deuteranopia

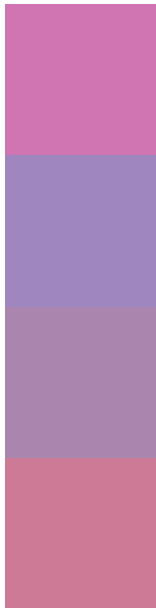
148.8010, -6.3290, 10.0790



Tritanopia

149.3480, 43.5990, 19.3350

Trichromacy



Original Color

150.5760, 34.9300, 38.7860

Protanomaly

148.2720, -2.8010, 23.2390

Deuteranomaly

149.4380, 8.2950, 20.3830

Tritanomaly

150.0090, 40.4800, 26.3040

Monochromacy



Original Color

150.5760, 34.9300, 38.7860

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.7880, 12.8810, 14.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.5760, 34.9300, 38.7860 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(208, 116, 178)` looks like.

```
.text, #text, p{  
    color:rgb(208, 116, 178)  
}
```

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(208, 116, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 116, 178) }
```

Border

The CSS property to change the border of an element to YIQ 150.5760, 34.9300, 38.7860 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(208, 116, 178) }
```


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

```
.border{ border-color:rgb(208, 116, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 116, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 116, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 116, 178);  
box-shadow:4px 4px 4px 4px rgb(208, 116,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 150.5760, 34.9300, 38.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 116, 178) }
```

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

```
.background{ background-color: rgb(208,  
116, 178) }
```

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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