

Converting Colors

YIQ(141.5650, 34.6040, 66.7320)

Have a look what the booklet for
YIQ(141.5650, 34.6040, 66.7320)
contains.

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Color

**YIQ(141.5650, 34.6040,
66.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	D859D9
RGB	216, 89, 217
RGB Percent	85%, 35%, 85%
CMY	0.1526, 0.6512, 0.1490
CMYK	0.00, 0.59, 0.00, 0.15
HSL	300°, 63%, 60%
HSV	300°, 59%, 85%
XYZ	44.4413, 26.7600, 68.4752
YIQ	141.5650, 34.6040, 66.7320

Conversions

Conversions Part 2

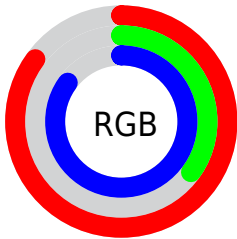
Format	Color
R _Y B	216, 89, 217
Decimal	14178777
CIE Lab	58.75, 65.87, -42.47
CIE LCh	59, 78.377, 327.190
Yxy	26.7600, 0.3182, 0.1916
Android (android.graphics.Color)	4292368857 (0xFFD859D9)
YUV	141.5650, 37.1895, 65.2795
Hunter-Lab	51.7300, 62.8219, -42.2713

Details

The YIQ color **141.5650, 34.6040, 66.7320** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **164.4350, -34.6040, -66.7320**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.0170, 29.9750, 57.0070**, and **79.7980, 35.5660, 71.3260** is the 20% darker color. If you saturate the color by 10%, you get **128.6510, 40.6540, 78.2380**, and if you desaturate by 10%, it is **154.4790, 28.5540, 55.2260**.

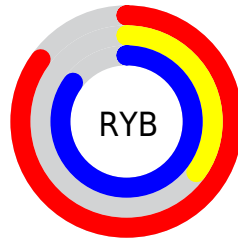
Distribution



Red (85%)

Green (35%)

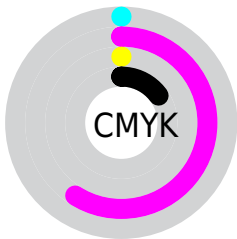
Blue (85%)



Red (85%)

Yellow (35%)

Blue (85%)

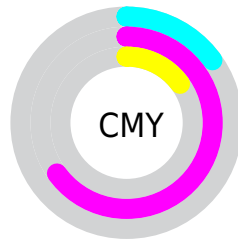


Cyan (0%)

Magenta (59%)

Yellow (0%)

Black (15%)



Cyan (15%)


Magenta (65%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 141.5650, 34.6040, 66.7320 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 141.5650, 34.6040, 66.7320 by changing the saturation by 10% instead.


 141.5650, 34.6040,
66.7320


 141.5650, 34.6040,
66.7320


255.0000, -0.0000,
-0.0000


 112.6790, 34.2830,
67.0430


 191.0170, 29.9750,
57.0070

 79.7980, 35.5660,
71.3260


 207.4530, 22.2750,
42.3630


 54.2600, 34.1450,
69.5450

 224.4760, 14.3000,
27.1960

 42.9240, 25.8030,
55.5230

 241.4990, 6.3250,
12.0290

 32.0010, 17.7360,
42.0240

 21.9040, 10.2190,
29.5710

 8.8170, -3.2580,

14.9980

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 141.5650, 34.6040,
66.7320

■ 141.5650, 34.6040,
66.7320

■ 128.6510, 40.6540,
78.2380

■ 154.4790, 28.5540,
55.2260

■ 116.3240, 46.4290,
89.2210

■ 166.8060, 22.7790,
44.2430

■ 103.4100, 52.4790,
100.7270

■ 180.0190, 17.3250,
32.9490

■ 90.1970, 57.9330,
112.0210

■ 192.9330, 11.2750,
21.4430

89.0230, 58.4830,
113.0670

205.2600, 5.5000,
10.4600

218.1740, -0.5500,
-1.0460

231.0880, -6.6000,
-12.5520

239.3060,
-10.4500, -19.8740

Harmonies

Analogous

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



138.9120, -44.9850, 38.8470



141.5650, 34.6040, 66.7320



127.5050, 87.5590, 70.6870

Triad

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



141.5650, 34.6040, 66.7320



132.4560, 67.4960, -33.8160



123.5190, -112.1880, -26.3000

Complementary

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



141.5650, 34.6040, 66.7320



164.4350, -34.6040, -66.7320

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.



115.5390, -89.7180, -48.0700



141.5650, 34.6040, 66.7320



123.5760, 22.3390, -57.9570

Square

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



141.5650, 34.6040, 66.7320



131.3660, 103.9410, -5.9710



104.2820, -64.9100, -68.1580



126.5120, -127.5050, -7.5130

Rectangle

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



141.5650, 34.6040, 66.7320



124.0220, 101.5000, 54.8120



104.2820, -64.9100, -68.1580



121.4840, -105.0800, -33.9760

Sweetspot

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



141.5650, 34.6040, 66.7320



227.9980, 12.6500, 24.0580



104.7660, -41.6380, 38.7620



110.6780, 7.3790, 14.9550



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.



141.5650, 34.6040, 66.7320



148.4540, 49.1790, 94.4510



134.7960, 55.1020, 47.6620



103.5430, 3.0250, 5.7530



71.1500, 46.9790, 90.2670



18.9980, 12.6500, 24.0580

Inverse Universe

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



127.3860, 75.9670, 27.4470



128.2330, 107.5550, 38.6830



171.2040, -55.1020, -47.6620



102.2890, 6.5560, 2.3320



51.8410, 102.7870, 36.9870



13.7540, 27.4160, 9.7520

Previews

White Background



This preview shows how the YIQ color 141.5650, 34.6040, 66.7320 looks on a white background.

Color Contrast Check

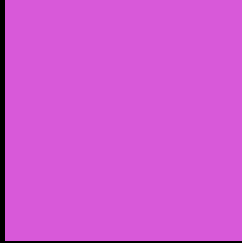
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.5650, 34.6040, 66.7320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

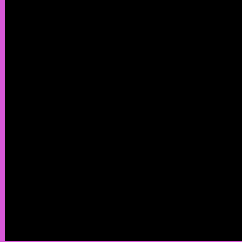
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 141.5650, 34.6040, 66.7320

Background



This preview shows how black text looks on a background with the YIQ color 141.5650, 34.6040, 66.7320.



This preview shows how white text looks on a background with the YIQ color 141.5650, 34.6040,

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

141.5650, 34.6040, 66.7320

Protanopia

135.4910, -69.1450, 25.1510

Deuteranopia

140.2660, -38.1950, 14.9010



Tritanopia

142.8220, 51.0720, 21.5680

Trichromacy



Original Color

141.5650, 34.6040, 66.7320



Protanomaly

137.6810, -31.0930, 40.3870



Deuteranomaly

140.5180, -11.8810, 33.6150



Tritanomaly

142.6110, 45.0170, 37.6970

Monochromacy



Original Color

141.5650, 34.6040, 66.7320



Achromatopsia

142.0000, -0.0000, -0.0000



Achromatomaly

141.9980, 12.6500, 24.0580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.5650, 34.6040, 66.7320 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, 89, 217)` looks like.

```
.text, #text, p{  
    color:rgb(216, 89, 217)  
}
```

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, 89, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 89, 217) }
```

Border

The CSS property to change the border of an element to YIQ 141.5650, 34.6040, 66.7320 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, 89, 217) }
```


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

```
.border{ border-color:rgb(216, 89, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 89, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 89, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 89, 217);  
box-shadow:4px 4px 4px 4px rgb(216, 89,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 141.5650, 34.6040, 66.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 89, 217) }
```

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

```
.background{ background-color: rgb(216, 89,  
217) }
```

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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