

Converting Colors

YIQ(145.4140, 35.2060, 33.7820)

Have a look what the booklet for
YIQ(145.4140, 35.2060, 33.7820)
contains.

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Color

**YIQ(145.4140, 35.2060,
33.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	C872A4
RGB	200, 114, 164
RGB Percent	78%, 45%, 64%
CMY	0.2154, 0.5531, 0.3568
CMYK	0.00, 0.43, 0.18, 0.22
HSL	325°, 44%, 62%
HSV	325°, 43%, 78%
XYZ	36.5519, 26.9954, 38.4183
YIQ	145.4140, 35.2060, 33.7820

Conversions

Conversions Part 2

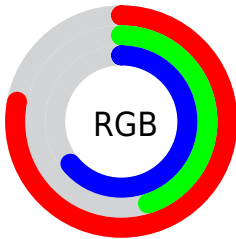
Format	Color
R _Y B	200, 114, 164
Decimal	13136548
CIE Lab	58.97, 40.46, -12.07
CIE LCh	59, 42.217, 343.391
Yxy	26.9954, 0.3585, 0.2648
Android (android.graphics.Color)	4291326628 (0xFFC872A4)
YUV	145.4140, 9.1629, 47.8719
Hunter-Lab	51.9571, 34.6501, -7.4704

Details

The YIQ color $145.4140, 35.2060, 33.7820$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $168.5860, -35.2060, -33.7820$, and the grayscale version is $145.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $199.8270, 35.4810, 34.3050$, and $92.8050, 32.5470, 32.4110$ is the 20% darker color. If you saturate the color by 10%, you get $132.7620, 43.2740, 41.7540$, and if you desaturate by 10%, it is $158.0660, 27.1380, 25.8100$.

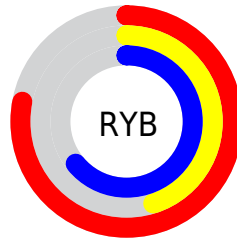
Distribution



Red (78%)

Green (45%)

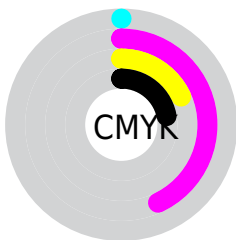
Blue (64%)



Red (78%)

Yellow (45%)

Blue (64%)

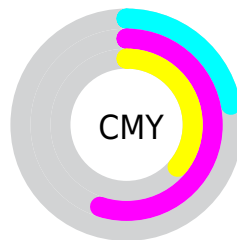


Cyan (0%)

Magenta (43%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (55%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.4140, 35.2060, 33.7820 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 145.4140, 35.2060, 33.7820 by changing the saturation by 10% instead.


 145.4140, 35.2060,
33.7820


 145.4140, 35.2060,
33.7820


255.0000, -0.0000,
-0.0000

 118.8160, 34.0140,
33.3580


 199.8270, 35.4810,
34.3050

 92.8050, 32.5470,
32.4110


 218.9820, 18.7470,
29.2030


 66.7340, 31.3090,
32.8210

 236.8030, 8.5250,
16.2130

 38.6140, 31.7670,
35.5350

253.8260, 0.5500,
1.0460

 24.2230, 25.2580,
26.8420

 15.6640, 19.1620,
16.1700

 0.0000, 0.0000,

0.0000

■ 145.4140, 35.2060,
33.7820

■ 145.4140, 35.2060,
33.7820

■ 132.7620, 43.2740,
41.7540

■ 158.0660, 27.1380,
25.8100

■ 119.9960, 51.6630,
49.4150

■ 170.8320, 18.7490,
18.1490

■ 107.3440, 59.7310,
57.3870

■ 183.4840, 10.6810,
10.1770

■ 94.6920, 67.7990,
65.3590

■ 196.2500, 2.2920,
2.5160

■ 81.9260, 76.1880,
73.0200

■ 208.9020, -5.7760,
-5.4560

■ 73.0240, 81.9640,
78.4760

■ 221.5540,
-13.8440, -13.4280

■ 234.3200,
-22.2330, -21.0890

■ 235.8190,
-25.0760, -19.1240

■ 236.7310,
-27.6440, -16.6360

Harmonies

Analogous

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



145.9400, 1.3700, 30.2500



145.4140, 35.2060, 33.7820



143.0230, 55.0600, 26.3880

Triad

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



145.4140, 35.2060, 33.7820



137.0050, 26.8260, -23.6220



115.2210, -105.3570, -23.4450

Complementary

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



145.4140, 35.2060, 33.7820



168.5860, -35.2060, -33.7820

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.



112.5190, -94.9930, -35.0650



145.4140, 35.2060, 33.7820



132.1950, -6.1840, -31.1120

Square

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



145.4140, 35.2060, 33.7820



140.4690, 49.4270, -9.2050



121.8490, -52.1240, -35.5480



113.3920, -109.8520, -13.5640

Rectangle

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



145.4140, 35.2060, 33.7820



142.3250, 59.6010, 15.6730



121.8490, -52.1240, -35.5480



114.6680, -102.4220, -27.0780

Sweetspot

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



145.4140, 35.2060, 33.7820



234.0330, 13.5690, 12.9050



134.5680, -6.1500, 34.3780



114.6470, 8.6640, 8.1840



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.



145.4140, 35.2060, 33.7820



170.5450, 54.5510, 52.1430



140.5120, 49.0090, 20.4090



93.2610, 3.7590, 3.4630



59.5670, 66.6530, 64.1010



13.1580, 14.7150, 14.1630

Inverse Universe

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



145.4140, 35.2060, 33.7820



170.5450, 54.5510, 52.1430



173.4880, -49.0090, -20.4090



93.2610, 3.7590, 3.4630



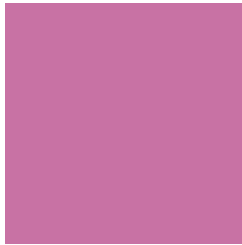
59.5670, 66.6530, 64.1010



13.1580, 14.7150, 14.1630

Previews

White Background



This preview shows how the YIQ color 145.4140, 35.2060, 33.7820 looks on a white background.

Color Contrast Check

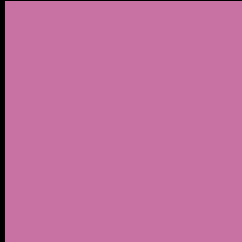
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.4140, 35.2060, 33.7820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

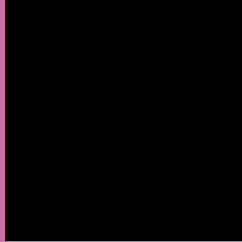
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.4140, 35.2060, 33.7820

Background



This preview shows how black text looks on a background with the YIQ color 145.4140, 35.2060, 33.7820.



This preview shows how white text looks on a background with the YIQ color 145.4140, 35.2060,

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

145.4140, 35.2060, 33.7820

Protanopia

142.9830, -18.5250, 10.8430

Deuteranopia

144.0850, -1.3770, 8.4390



Tritanopia

144.4510, 41.8110, 18.6990

Trichromacy



Original Color

145.4140, 35.2060, 33.7820

Protanomaly

143.7900, 1.3720, 19.1960

Deuteranomaly

144.5970, 12.1010, 17.4850

Tritanomaly

144.3570, 39.3800, 24.2120

Monochromacy



Original Color

145.4140, 35.2060, 33.7820

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.3210, 12.6980, 12.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.4140, 35.2060, 33.7820 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(200, 114, 164)` looks like.

```
.text, #text, p{  
    color:rgb(200, 114, 164)  
}
```

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(200, 114, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 114, 164) }
```

Border

The CSS property to change the border of an element to YIQ 145.4140, 35.2060, 33.7820 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(200, 114, 164) }
```


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

```
.border{ border-color:rgb(200, 114, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 114, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 114, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 114, 164);  
box-shadow:4px 4px 4px 4px rgb(200, 114,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 145.4140, 35.2060, 33.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 114, 164) }
```

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

```
.background{ background-color: rgb(200,  
114, 164) }
```

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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