

Converting Colors

YIQ(141.2740, 30.3890, 49.5010)

Have a look what the booklet for
YIQ(141.2740, 30.3890, 49.5010)
contains.

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Color

**YIQ(141.2740, 30.3890,
49.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	C965C0
RGB	201, 101, 192
RGB Percent	79%, 40%, 75%
CMY	0.2115, 0.6041, 0.2470
CMYK	0.00, 0.50, 0.05, 0.21
HSL	305°, 48%, 59%
HSV	305°, 50%, 79%
XYZ	38.2731, 25.5335, 52.7878
YIQ	141.2740, 30.3890, 49.5010

Conversions

Conversions Part 2

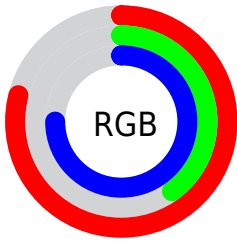
Format	Color
R _Y B	201, 101, 192
Decimal	13198784
CIE Lab	57.59, 52.02, -30.23
CIE LCh	58, 60.166, 329.833
Yxy	25.5335, 0.3283, 0.2190
Android (android.graphics.Color)	4291388864 (0xFFC965C0)
YUV	141.2740, 25.0079, 52.3797
Hunter-Lab	50.5307, 46.7711, -26.5669

Details

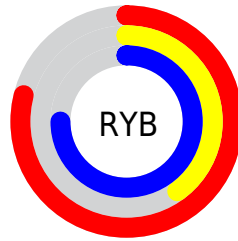
The YIQ color $141.2740, 30.3890, 49.5010$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $160.7260, -30.3890, -49.5010$, and the grayscale version is $141.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $195.6160, 29.4260, 50.4340$, and $86.6760, 29.1970, 49.0770$ is the 20% darker color. If you saturate the color by 10%, you get $129.3060, 36.5310, 59.3390$, and if you desaturate by 10%, it is $153.2420, 24.2470, 39.6630$.

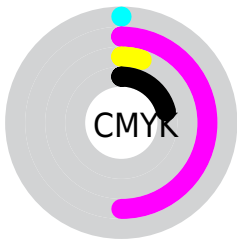
Distribution



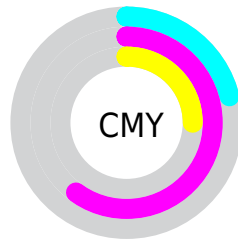
- Red (79%)
- Green (40%)
- Blue (75%)



- Red (79%)
- Yellow (40%)
- Blue (75%)



- Cyan (0%)
- Magenta (50%)
- Yellow (5%)
- Black (21%)



- Cyan (21%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.2740, 30.3890, 49.5010 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 141.2740, 30.3890, 49.5010 by changing the saturation by 10% instead.

141.2740, 30.3890,
49.5010

141.2740, 30.3890,
49.5010

255.0000, -0.0000,
-0.0000

113.9750, 29.7930,
49.2890

195.6160, 29.4260,
50.4340

86.6760, 29.1970,
49.0770

212.7360, 19.8000,
37.6560

55.9690, 29.9300,
52.3140

229.7590, 11.8250,
22.4890

37.2410, 25.9880,
46.6600

246.7820, 3.8500,
7.3220

26.7310, 18.1960,
33.6840

17.3460, 11.5500,
21.9660

2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 141.2740, 30.3890,
49.5010

■ 141.2740, 30.3890,
49.5010

■ 129.3060, 36.5310,
59.3390

■ 153.2420, 24.2470,
39.6630

■ 117.3380, 42.6730,
69.1770

■ 165.2100, 18.1050,
29.8250

■ 105.4840, 48.4940,
79.3260

■ 177.0640, 12.2840,
19.6760

■ 93.5160, 54.6360,
89.1640

■ 189.0320, 6.1420,
9.8380

■ 80.9610, 61.0530,
99.5250

■ 201.5870, -0.2750,
-0.5230

■ 213.5550, -6.4170,
-10.3610

■ 225.5230,
-12.5590, -20.1990

■ 233.3820,
-16.7760, -26.3760

■ 233.4960,
-17.0970, -26.0650

Harmonies

Analogous

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



139.9710, -26.2780, 35.7220



141.2740, 30.3890, 49.5010



135.9130, 67.8940, 47.1100

Triad

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



141.2740, 30.3890, 49.5010



130.6490, 56.7670, -32.1050



116.6400, -105.2190, -25.9470

Complementary

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



141.2740, 30.3890, 49.5010



160.7260, -30.3890, -49.5010

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.



111.1850, -88.4810, -42.9530



141.2740, 30.3890, 49.5010



125.6420, 13.9460, -43.5100

Square

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



141.2740, 30.3890, 49.5010



133.9300, 76.1100, -2.6900



107.8780, -60.2360, -53.7400



118.2650, -116.6840, -10.8920

Rectangle

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



141.2740, 30.3890, 49.5010



133.9940, 80.3670, 35.8150



107.8780, -60.2360, -53.7400



115.2890, -100.0370, -31.7570

Sweetspot

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



141.2740, 30.3890, 49.5010



232.3520, 11.4130, 18.9410



114.7920, -27.3320, 32.7960



114.1570, 7.2880, 11.0960



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.



141.2740, 30.3890, 49.5010



163.5930, 46.5690, 75.6650



135.6880, 46.1180, 34.2620



93.7170, 2.4750, 4.7070



65.6090, 49.6400, 80.5840



14.4120, 11.1840, 17.5840

Inverse Universe

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



141.2740, 30.3890, 49.5010



163.5930, 46.5690, 75.6650



166.3120, -46.1180, -34.2620



93.7170, 2.4750, 4.7070



65.6090, 49.6400, 80.5840



14.4120, 11.1840, 17.5840

Previews

White Background



This preview shows how the YIQ color 141.2740, 30.3890, 49.5010 looks on a white background.

Color Contrast Check

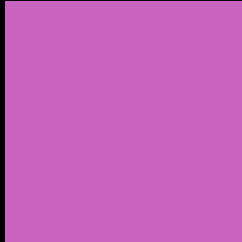
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.2740, 30.3890, 49.5010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

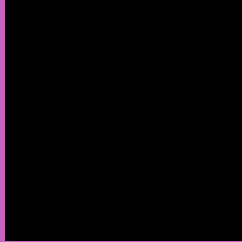
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 141.2740, 30.3890, 49.5010

Background



This preview shows how black text looks on a background with the YIQ color 141.2740, 30.3890, 49.5010.



This preview shows how white text looks on a background with the YIQ color 141.2740, 30.3890,

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

141.2740, 30.3890, 49.5010

Protanopia

137.0190, -44.5690, 20.2870

Deuteranopia

139.2970, -22.2850, 12.9070



Tritanopia

140.6360, 42.7280, 18.6000

Trichromacy



Original Color

141.2740, 30.3890, 49.5010

Protanomaly

138.3000, -17.1990, 30.8730

Deuteranomaly

139.9670, -3.2600, 26.0520

Tritanomaly

140.7470, 38.4620, 29.8380

Monochromacy



Original Color

141.2740, 30.3890, 49.5010

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.9390, 11.1380, 18.4180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.2740, 30.3890, 49.5010 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(201, 101, 192)` looks like.

```
.text, #text, p{  
    color:rgb(201, 101, 192)  
}
```

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(201, 101, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 101, 192) }
```

Border

The CSS property to change the border of an element to YIQ 141.2740, 30.3890, 49.5010 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(201, 101, 192) }
```


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

```
.border{ border-color:rgb(201, 101, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 101, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 101, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 101, 192);  
box-shadow:4px 4px 4px 4px rgb(201, 101,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 141.2740, 30.3890, 49.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 101, 192) }
```

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

```
.background{ background-color: rgb(201,  
101, 192) }
```

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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