

Converting Colors

YIQ(154.2890, 16.8650, 41.2890)

Have a look what the booklet for
YIQ(154.2890, 16.8650, 41.2890)
contains.

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Color

**YIQ(154.2890, 16.8650,
41.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	C47BCE
RGB	196, 123, 206
RGB Percent	77%, 48%, 81%
CMY	0.2311, 0.5177, 0.1922
CMYK	0.05, 0.40, 0.00, 0.19
HSL	293°, 46%, 65%
HSV	293°, 40%, 81%
XYZ	40.9997, 30.3581, 62.0917
YIQ	154.2890, 16.8650, 41.2890

Conversions

Conversions Part 2

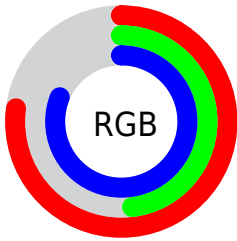
Format	Color
RYB	196, 123, 206
Decimal	12876750
CIELab	61.96, 41.75, -31.43
CIElCh	62, 52.259, 323.021
Yxy	30.3581, 0.3072, 0.2275
Android (android.graphics.Color)	4291066830 (0xFFC47BCE)
YUV	154.2890, 25.4935, 36.5805
Hunter-Lab	55.0982, 36.4039, -28.2469

Details

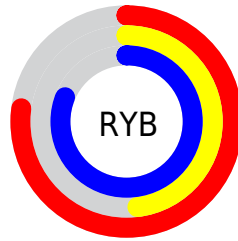
The YIQ color **154.2890, 16.8650, 41.2890** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **174.7110, -16.8650, -41.2890**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.9150, 20.8540, 40.5820**, and **101.6370, 15.7650, 39.1970** is the 20% darker color. If you saturate the color by 10%, you get **141.3640, 21.4480, 51.8480**, and if you desaturate by 10%, it is **167.5130, 12.8780, 30.9420**.

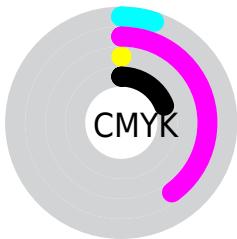
Distribution



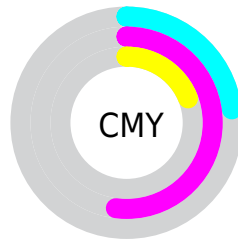
- Red (77%)
- Green (48%)
- Blue (81%)



- Red (77%)
- Yellow (48%)
- Blue (81%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (19%)



- Cyan (23%)
- Magenta (52%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.2890, 16.8650, 41.2890 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 154.2890, 16.8650, 41.2890 by changing the saturation by 10% instead.

154.2890, 16.8650,
41.2890

154.2890, 16.8650,
41.2890

255.0000, -0.0000,
-0.0000

127.4630, 16.3150,
40.2430

208.9150, 20.8540,
40.5820

101.6370, 15.7650,
39.1970

225.6500, 13.7500,
26.1500

75.9250, 14.8940,
38.4620

242.0860, 6.0500,
11.5060

49.4520, 14.8480,
39.2960

27.5010, 13.1520,
36.9920

18.3010, 7.4230,
25.1750

3.5340, -9.9510,

9.6410

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 154.2890, 16.8650,
41.2890

■ 154.2890, 16.8650,
41.2890

■ 141.3640, 21.4480,
51.8480

■ 167.5130, 12.8780,
30.9420

■ 128.7270, 25.1600,
61.6720

■ 179.8510, 8.5700,
20.9060

■ 115.8020, 29.7430,
72.2310

■ 192.7760, 3.9870,
10.3470

■ 103.1650, 33.4550,
82.0550

■ 205.4130, 0.2750,
0.5230

90.2400, 38.0380,
92.6140

218.3380, -4.3080,
-10.0360

77.6030, 41.7500,
102.4380

231.5620, -8.2950,
-20.3830

236.8560, -9.3030,
-24.1430

237.7530, -7.5150,
-23.5070

238.3510, -6.3230,
-23.0830

Harmonies

Analogous

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



150.2100, -34.6210, 27.2270



154.2890, 16.8650, 41.2890



151.6230, 53.9110, 41.7110

Triad

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



154.2890, 16.8650, 41.2890



145.8850, 53.6470, -19.6090



122.0540, -106.6850, -32.4210

Complementary

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



154.2890, 16.8650, 41.2890



174.7110, -16.8650, -41.2890

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.



116.5820, -91.2770, -47.3490



154.2890, 16.8650, 41.2890



141.6310, 21.6470, -34.3930

Square

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



154.2890, 16.8650, 41.2890



147.9220, 70.5610, 4.2650



133.3340, -25.9890, -41.1330



124.0380, -117.7830, -18.5110

Rectangle

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



154.2890, 16.8650, 41.2890



149.4810, 68.6300, 33.7660



133.3340, -25.9890, -41.1330



120.8170, -101.8240, -37.9200

Sweetspot

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



154.2890, 16.8650, 41.2890



235.6070, 6.1410, 15.3650



138.9190, -29.6680, 20.0600



116.5370, 3.1620, 8.7780



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.



154.2890, 16.8650, 41.2890



178.9010, 24.6100, 60.6260



153.8590, 32.4550, 34.0790



95.8310, 2.1540, 5.0180



62.5780, 33.7300, 82.5780



14.4980, 8.0660, 19.0260

Inverse Universe

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



148.9570, 46.2580, 20.7060



171.0740, 68.2180, 30.2180



175.1410, -32.4550, -34.0790



95.1040, 5.6390, 2.4310



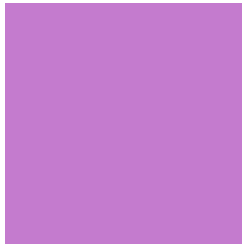
51.9140, 92.5160, 41.4120



11.9320, 21.0430, 9.6110

Previews

White Background



This preview shows how the YIQ color 154.2890, 16.8650, 41.2890 looks on a white background.

Color Contrast Check

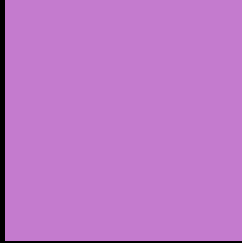
Large Text (above 18pt) WCAG AA × Fail

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 154.2890, 16.8650, 41.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

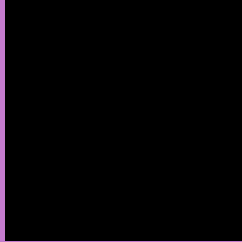
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.2890, 16.8650, 41.2890

Background



This preview shows how black text looks on a background with the YIQ color 154.2890, 16.8650, 41.2890.



This preview shows how white text looks on a background with the YIQ color 154.2890, 16.8650,

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

154.2890, 16.8650, 41.2890

Protanopia

149.4170, -39.9380, 18.9580

Deuteranopia

150.4540, -24.1650, 13.9390



Tritanopia

152.6880, 27.7820, 14.1340

Trichromacy



Original Color

154.2890, 16.8650, 41.2890

Protanomaly

151.4090, -19.1240, 27.2120

Deuteranomaly

151.9770, -9.2200, 23.9320

Tritanomaly

153.1580, 23.8830, 24.2270

Monochromacy



Original Color

154.2890, 16.8650, 41.2890

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.1940, 5.8660, 14.8420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.2890, 16.8650, 41.2890 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(196, 123, 206)` looks like.

```
.text, #text, p{  
    color:rgb(196, 123, 206)  
}
```

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(196, 123, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 123, 206) }
```

Border

The CSS property to change the border of an element to YIQ 154.2890, 16.8650, 41.2890 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(196, 123, 206) }
```


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

```
.border{ border-color:rgb(196, 123, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 123, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 123, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 123, 206);  
box-shadow:4px 4px 4px 4px rgb(196, 123,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 154.2890, 16.8650, 41.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 123, 206) }
```

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

```
.background{ background-color: rgb(196,  
123, 206) }
```

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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