

Converting Colors

YIQ(165.4740, -0.5540, 21.0620)

Have a look what the booklet for
YIQ(165.4740, -0.5540, 21.0620)
contains.

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Color

**YIQ(165.4740, -0.5540,
21.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	B298CA
RGB	178, 152, 202
RGB Percent	70%, 60%, 79%
CMY	0.3019, 0.4039, 0.2079
CMYK	0.12, 0.25, 0.00, 0.21
HSL	271°, 32%, 69%
HSV	271°, 25%, 79%
XYZ	40.2515, 36.1845, 60.7335
YIQ	165.4740, -0.5540, 21.0620

Conversions

Conversions Part 2

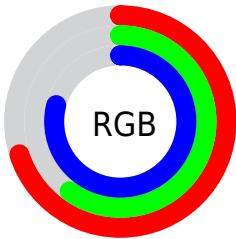
Format	Color
RYB	178, 152, 202
Decimal	11704522
CIELab	66.66, 19.18, -22.12
CIELCh	67, 29.275, 310.937
Yxy	36.1845, 0.2934, 0.2638
Android (android.graphics.Color)	4289894602 (0xFFB298CA)
YUV	165.4740, 18.0073, 10.9853
Hunter-Lab	60.1536, 14.1736, -17.7541

Details

The YIQ color $165.4740, -0.5540, 21.0620$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $188.5260, 0.5540, -21.0620$, and the grayscale version is $165.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $219.9580, 0.9590, 21.1750$, and $113.5340, -0.7830, 19.7050$ is the 20% darker color. If you saturate the color by 10%, you get $150.7440, -1.0140, 29.4020$, and if you desaturate by 10%, it is $180.2040, -0.0940, 12.7220$.

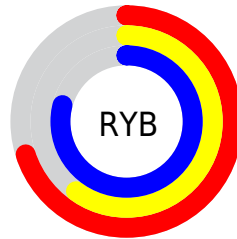
Distribution



Red (70%)

Green (60%)

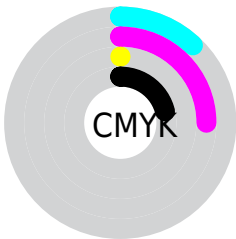
Blue (79%)



Red (70%)

Yellow (60%)

Blue (79%)

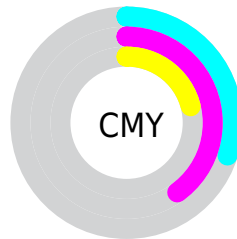


Cyan (12%)

Magenta (25%)

Yellow (0%)

Black (21%)



Cyan (30%)

Magenta (40%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.4740, -0.5540, 21.0620 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 165.4740, -0.5540, 21.0620 by changing the saturation by 10% instead.

■ 165.4740, -0.5540,
21.0620

■ 165.4740, -0.5540,
21.0620

255.0000, -0.0000,
-0.0000

■ 139.0610, -0.8290,
20.5390

■ 219.9580, 0.9590,
21.1750

■ 113.5340, -0.7830,
19.7050

■ 243.2600, 5.5000,
10.4600

■ 88.7080, -1.3330,
18.6590

■ 65.1810, -1.2870,
17.8250

■ 42.6540, -1.2410,
16.9910

■ 20.8280, -1.7910,
15.9450

■ 3.3060, -9.3090,

9.0190

■ 0.0000, 0.0000,
0.0000

■ 165.4740, -0.5540,
21.0620

■ 165.4740, -0.5540,
21.0620

■ 150.7440, -1.0140,
29.4020

■ 180.2040, -0.0940,
12.7220

■ 136.3130, -0.8780,
37.9540

■ 194.6350, -0.2300,
4.1700

■ 120.9960, -1.0630,
46.8170

■ 209.9520, -0.0450,
-4.6930

■ 106.2660, -1.5230,
55.1570

■ 224.6820, 0.4150,
-13.0330

■ 91.8350, -1.3870,
63.7090

■ 239.1130, 0.2790,
-21.5850

77.1050, -1.8470,
72.0490

243.2770, 5.6890,
-20.5110

62.3750, -2.3070,
80.3890

246.2670, 11.6490,
-18.3910

54.4230, -2.2620,
85.0820

248.9580, 17.0130,
-16.4830

Harmonies

Analogous

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



161.2470, -28.0160, 12.1440



165.4740, -0.5540, 21.0620



166.3320, 23.3330, 23.1810

Triad

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



165.4740, -0.5540, 21.0620



162.1720, 37.3220, -4.5820



148.5090, -53.5020, -21.5820

Complementary

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



165.4740, -0.5540, 21.0620



188.5260, 0.5540, -21.0620

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.



152.3300, -28.1930, -23.2090



165.4740, -0.5540, 21.0620



159.9370, 21.5060, -15.3100

Square

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



165.4740, -0.5540, 21.0620



164.0840, 43.9220, 7.9700



156.7430, -1.5550, -21.3870



148.3910, -64.5530, -14.0330

Rectangle

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



165.4740, -0.5540, 21.0620



165.7970, 35.0250, 20.5370



156.7430, -1.5550, -21.3870



149.8750, -45.8450, -22.6850

Sweetspot

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



165.4740, -0.5540, 21.0620



241.7430, -0.4140, 7.5060



171.7880, -22.6500, 2.9980



120.0480, 0.0450, 4.6930



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.



165.4740, -0.5540, 21.0620



199.3250, -1.1520, 31.9040



172.5360, 14.0710, 25.8390



94.6350, -0.2300, 4.1700



44.6380, -2.0300, 69.8580



10.3120, -0.2780, 16.0580

Inverse Universe

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



169.6860, 22.0960, 18.0640



205.8280, 33.7400, 27.3080



181.4640, -14.0710, -25.8390



95.5600, 4.3550, 3.6750



58.6400, 73.5770, 59.7610



13.4140, 16.8700, 13.6540

Previews

White Background



This preview shows how the YIQ color 165.4740, -0.5540, 21.0620 looks on a white background.

Color Contrast Check

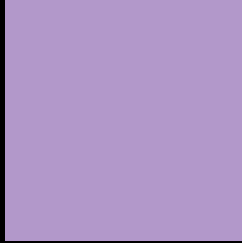
Large Text (above 18pt) WCAG AA × Fail

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 165.4740, -0.5540, 21.0620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

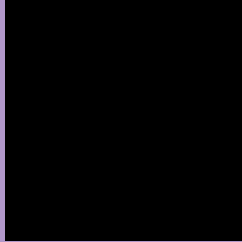
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.4740, -0.5540, 21.0620

Background



This preview shows how black text looks on a background with the YIQ color 165.4740, -0.5540, 21.0620.



This preview shows how white text looks on a background with the YIQ color 165.4740, -0.5540,

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

165.4740, -0.5540, 21.0620

Protanopia

162.4820, -21.3680, 12.8080

Deuteranopia

163.7880, -13.4820, 13.0620



Tritanopia

163.8530, 5.0880, 6.9120

Trichromacy



Original Color

165.4740, -0.5540, 21.0620

Protanomaly

163.4830, -13.9410, 15.8750

Deuteranomaly

164.1200, -8.4850, 16.1150

Tritanomaly

164.6450, 2.9780, 12.1140

Monochromacy



Original Color

165.4740, -0.5540, 21.0620

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4740, -0.5540, 21.0620 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(178, 152, 202)` looks like.

```
.text, #text, p{  
    color:rgb(178, 152, 202)  
}
```

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(178, 152, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 152, 202) }
```

Border

The CSS property to change the border of an element to YIQ 165.4740, -0.5540, 21.0620 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(178, 152, 202) }
```


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

```
.border{ border-color:rgb(178, 152, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 152, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 152, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 152, 202);  
box-shadow:4px 4px 4px 4px rgb(178, 152,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4740, -0.5540, 21.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 152, 202) }
```

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

```
.background{ background-color: rgb(178,  
152, 202) }
```

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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