

# Converting Colors

YIQ(165.0890, 45.5260, 11.9420)

Have a look what the booklet for  
YIQ(165.0890, 45.5260, 11.9420)  
contains.

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# Color

**YIQ(165.0890, 45.5260,  
11.9420)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D89187
RGB	216, 145, 135
RGB Percent	85%, 57%, 53%
CMY	0.1528, 0.4315, 0.4704
CMYK	0.00, 0.33, 0.37, 0.15
HSL	7°, 51%, 69%
HSV	7°, 37%, 85%
XYZ	42.8286, 36.5975, 27.7461
YIQ	165.0890, 45.5260, 11.9420

# Conversions

## Conversions Part 2

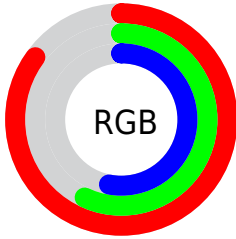
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">216, 146, 135</a>
Decimal	<a href="#">14193031</a>
CIELab	<a href="#">66.97, 25.68, 16.26</a>
CIELCh	<a href="#">67, 30.395, 32.343</a>
Yxy	<a href="#">36.5975, 0.3996, 0.3415</a>
Android (android.graphics.Color)	<a href="#">4292383111 (0xFFD89187)</a>
YUV	<a href="#">165.0890, -14.8339, 44.6489</a>
Hunter-Lab	<a href="#">60.4959, 20.5027, 15.1541</a>

# Details

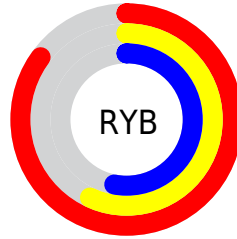
The YIQ color **165.0890, 45.5260, 11.9420** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **185.9110, -45.5260, -11.9420**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.4900, 36.9070, 8.4510**, and **112.4090, 41.6290, 10.9810** is the 20% darker color. If you saturate the color by 10%, you get **151.4280, 57.8130, 15.0370**, and if you desaturate by 10%, it is **178.7500, 33.2390, 8.8470**.

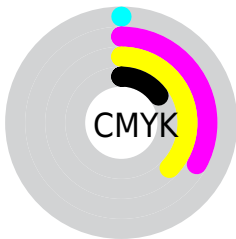
# Distribution



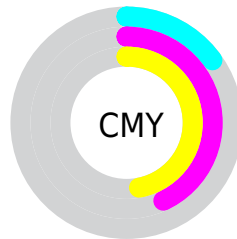
- Red (85%)
- Green (57%)
- Blue (53%)



- Red (85%)
- Yellow (57%)
- Blue (53%)



- Cyan (0%)
- Magenta (33%)
- Yellow (37%)
- Black (15%)




- Cyan (15%)
- Magenta (43%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 165.0890, 45.5260, 11.9420 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 165.0890, 45.5260, 11.9420 by changing the saturation by 10% instead.



 165.0890, 45.5260,  
11.9420

 165.0890, 45.5260,  
11.9420


255.0000, -0.0000,  
-0.0000


 138.3060, 43.4170,  
11.6170


 214.4900, 36.9070,  
8.4510


 112.4090, 41.6290,  
10.9810


 234.7050, 19.9440,  
1.9920

 86.7400, 39.1990,  
10.9670

 253.8600, 3.2100,  
-3.1100

 62.9570, 37.0900,  
10.6420

 39.1030, 33.7430,  
10.7270

 16.4340, 31.3130,  
10.7130

 7.5890, 14.5790,

5.6110

■ 0.0000, 0.0000,  
0.0000

■ 165.0890, 45.5260,  
11.9420

■ 165.0890, 45.5260,  
11.9420

■ 151.4280, 57.8130,  
15.0370

■ 178.7500, 33.2390,  
8.8470

■ 137.8810, 69.7790,  
18.4430

■ 192.2970, 21.2730,  
5.4410

■ 124.2200, 82.0660,  
21.5380

■ 205.9580, 8.9860,  
2.3460

■ 110.6730, 94.0320,  
24.9440

■ 219.5050, -2.9800,  
-1.0600

■ 97.0120, 106.3190,  
28.0390

■ 233.1660,  
-15.2670, -4.1550

■ 83.3510, 118.6060,  
31.1340

■ 243.3390,  
-23.2440, -8.2680

■ 79.8460, 121.5860,  
32.1940

# Harmonies

## Analogous

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



166.4060, 37.6840, 21.9080



165.0890, 45.5260, 11.9420



163.6180, 41.9980, -1.2180

# Triad

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



165.0890, 45.5260, 11.9420



154.5110, -21.4530, -24.2130



160.4630, -37.5520, 8.7520

# Complementary

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



165.0890, 45.5260, 11.9420



185.9110, -45.5260, -11.9420

# 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.



152.5150, -61.6660, -5.7780



165.0890, 45.5260, 11.9420



149.4940, -49.1460, -23.4340

# Square

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



165.0890, 45.5260, 11.9420



158.1630, 6.0100, -20.8220



147.2010, -67.0740, -17.9060



165.6410, -8.3940, 19.9740



# Rectangle

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



165.0890, 45.5260, 11.9420



161.9710, 33.3340, -9.4020



147.2010, -67.0740, -17.9060



158.0380, -46.7210, 4.2150

# Sweetspot

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



165.0890, 45.5260, 11.9420



237.1330, 15.8630, 4.3670



167.4270, 25.1640, 39.5640



117.2570, 9.5820, 2.5580



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.



165.0890, 45.5260, 11.9420



182.6030, 64.6900, 17.0580



188.5690, 34.5260, -8.9780



100.4630, 6.0060, 1.2860



63.4560, 96.1410, 25.2690



15.7920, 24.2530, 6.5010



# Inverse Universe

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



185.9110, -45.5260, -11.9420



212.3970, -64.6900, -17.0580



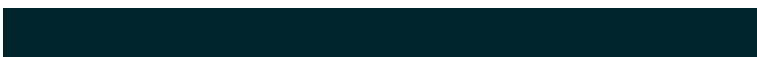
162.4310, -34.5260, 8.9780



103.1240, -6.2810, -1.8090



107.5440, -96.1410, -25.2690

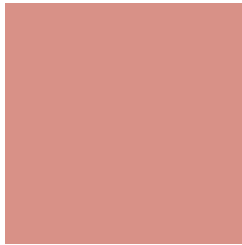


27.2080, -24.2530, -6.5010



# Previews

## White Background



This preview shows how the YIQ color 165.0890, 45.5260, 11.9420 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 165.0890, 45.5260, 11.9420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

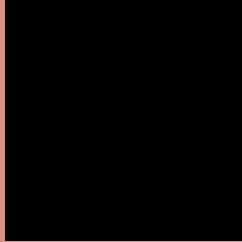
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 165.0890, 45.5260, 11.9420

## Background



This preview shows how black text looks on a background with the YIQ color 165.0890, 45.5260, 11.9420.



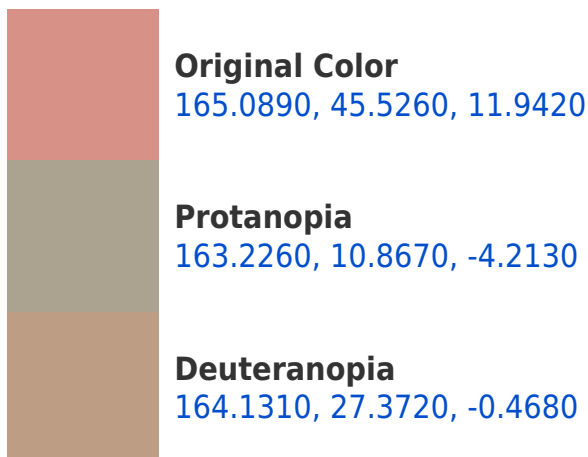
This preview shows how white text looks on a background with the YIQ color 165.0890, 45.5260,



# 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





## Tritanopia

165.9780, 41.7650, 19.5330

# Trichromacy



## Original Color

165.0890, 45.5260, 11.9420

## Protanomaly

163.5590, 23.2910, 1.9070

## Deuteranomaly

164.5880, 33.5150, 3.8430

## Tritanomaly

165.4680, 43.1410, 16.6210

# Monochromacy



## Original Color

165.0890, 45.5260, 11.9420

## Achromatopsia

165.0000, -0.0000, -0.0000

## Achromatomaly

165.3180, 16.7800, 4.2680

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 165.0890, 45.5260, 11.9420 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, 145, 135)` looks like.

```
.text, #text, p{  
    color:rgb(216, 145, 135)  
}
```

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, 145, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 145, 135) }
```

## Border

The CSS property to change the border of an element to YIQ 165.0890, 45.5260, 11.9420 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, 145, 135) }
```



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

```
.border{ border-color:rgb(216, 145, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 145, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 145, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 145, 135);  
box-shadow:4px 4px 4px 4px rgb(216, 145,  
135) }
```

# Background

The CSS property to change the background color of an element to YIQ 165.0890, 45.5260, 11.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 145, 135) }
```

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

```
.background{ background-color: rgb(216,  
145, 135) }
```

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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