

Converting Colors

YIQ(165.0300, 25.6780,
-13.8260)

Have a look what the booklet for
YIQ(165.0300, 25.6780, -13.8260)
contains.

YIQ(165.0300, 25.6780, -13.8260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(165.0300, 25.6780,
-13.8260)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A771
RGB	181, 167, 113
RGB Percent	71%, 65%, 44%
CMY	0.2902, 0.3451, 0.5567
CMYK	0.00, 0.08, 0.38, 0.29
HSL	48°, 31%, 58%
HSV	48°, 38%, 71%
XYZ	35.8564, 38.6521, 21.2044
YIQ	165.0300, 25.6780, -13.8260

Conversions

Conversions Part 2

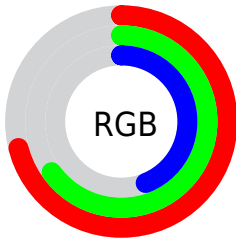
Format	Color
RYB	131, 181, 113
Decimal	11904881
CIELab	68.50, -2.94, 29.76
CIELCh	68, 29.904, 95.634
Yxy	38.6521, 0.3746, 0.4038
Android (android.graphics.Color)	4290094961 (0xFFB5A771)
YUV	165.0300, -25.6508, 14.0057
Hunter-Lab	62.1708, -5.8508, 23.2977

Details

The YIQ color **165.0300, 25.6780, -13.8260** is a light color, and the websafe version is hex **999966**. A complement of this color would be **128.9700, -25.6780, 13.8260**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.2860, 27.8330, -14.3350**, and **112.7740, 23.5230, -13.3170** is the 20% darker color. If you saturate the color by 10%, you get **160.6300, 32.5560, -17.3320**, and if you desaturate by 10%, it is **169.4300, 18.8000, -10.3200**.

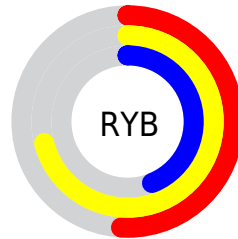
Distribution



Red (71%)

Green (65%)

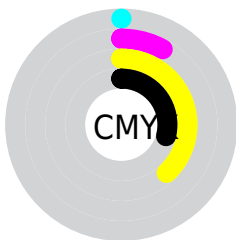
Blue (44%)



Red (51%)

Yellow (71%)

Blue (44%)

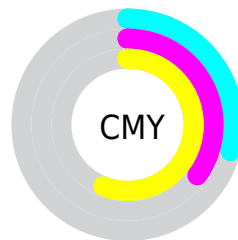


Cyan (0%)

Magenta (8%)

Yellow (38%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.0300, 25.6780, -13.8260 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 165.0300, 25.6780, -13.8260 by changing the saturation by 10% instead.

■ 165.0300, 25.6780,
-13.8260

■ 165.0300, 25.6780,
-13.8260

■ 255.0000, -0.0000,
-0.0000

■ 138.8450, 24.7610,
-13.7270

■ 220.2860, 27.8330,
-14.3350

■ 112.7740, 23.5230,
-13.3170

■ 245.5840, 21.0020,
-17.1900

■ 88.2900, 22.0100,
-13.4300

■ 251.1240, 10.9140,
-10.5740

■ 64.1050, 21.0930,
-13.3310

■ 254.3160, 1.9260,
-1.8660

■ 42.2620, 19.2130,
-12.2990

■ 23.3460, 10.4090,
-6.9270

■ 0.0000, 0.0000,

0.0000

■ 165.0300, 25.6780,
-13.8260

■ 165.0300, 25.6780,
-13.8260

■ 160.6300, 32.5560,
-17.3320

■ 169.4300, 18.8000,
-10.3200

■ 156.8170, 39.1590,
-21.3610

■ 173.2430, 12.1970,
-6.2910

■ 152.4170, 46.0370,
-24.8670

■ 177.6430, 5.3190,
-2.7850

■ 148.0170, 52.9150,
-28.3730

■ 182.0430, -1.5590,
0.7210

■ 143.6170, 59.7930,
-31.8790

■ 186.5570, -8.7580,
4.5380

■ 139.6900, 66.7170,
-36.2190

■ 190.3700,
-15.3610, 8.5670

■ 138.6470, 68.2760,
-36.9400

■ 194.7700,
-22.2390, 12.0730

■ 198.8280,
-28.1540, 14.6460

■ 201.1760,
-29.2540, 12.5540

Harmonies

Analogous

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



167.6070, 40.5310, -2.1650



165.0300, 25.6780, -13.8260



162.0810, 3.3050, -21.3590

Triad

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



165.0300, 25.6780, -13.8260



152.4400, -66.2490, -16.3370



171.3040, 20.5360, 24.3120

Complementary

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



165.0300, 25.6780, -13.8260



128.9700, -25.6780, 13.8260

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.



169.7230, -5.6890, 20.5110



165.0300, 25.6780, -13.8260



157.8360, -58.1360, -3.6720

Square

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



165.0300, 25.6780, -13.8260



153.5370, -50.7050, -22.7130



165.2570, -33.9760, 10.0240



170.6510, 38.3720, 20.4520

Rectangle

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



165.0300, 25.6780, -13.8260



159.7460, -14.8050, -23.5490



165.2570, -33.9760, 10.0240



170.9980, 12.6500, 24.0580

Sweetspot

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



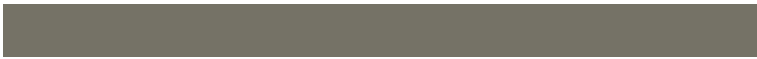
165.0300, 25.6780, -13.8260



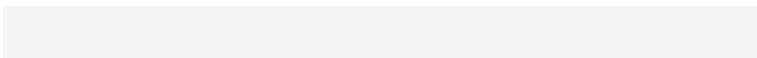
228.5140, 9.9960, -4.9480



135.0420, 35.7130, 19.0810



113.5290, 5.6400, -3.0960



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.0300, 25.6780, -13.8260



210.0020, 40.0760, -21.4600



167.5670, 10.5040, -25.1760



86.8000, 3.4390, -1.7530



116.7740, 57.9130, -30.8470



19.5140, 9.9960, -4.9480

Inverse Universe

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



128.9700, -25.6780, 13.8260



153.9980, -40.0760, 21.4600



126.4330, -10.5040, 25.1760



82.2000, -3.4390, 1.7530



36.2260, -57.9130, 30.8470



5.8990, -9.7210, 5.4710

Previews

White Background



This preview shows how the YIQ color 165.0300, 25.6780, -13.8260 looks on a white background.

Color Contrast Check

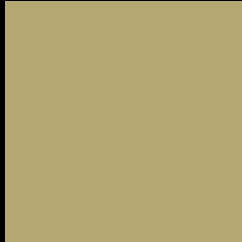
Large Text (above 18pt) WCAG AA × Fail

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 165.0300, 25.6780, -13.8260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

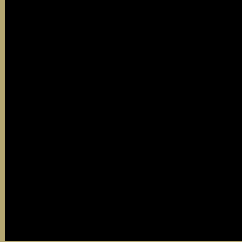
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.0300, 25.6780, -13.8260

Background



This preview shows how black text looks on a background with the YIQ color 165.0300, 25.6780, -13.8260.



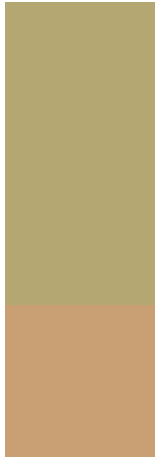
This preview shows how white text looks on a background with the YIQ color 165.0300, 25.6780, -13.8260.

-13.8260.

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

165.0300, 25.6780, -13.8260

Protanopia

165.0300, 25.6780, -13.8260

Deuteranopia

166.8300, 38.2850, -5.5150



Tritanopia

169.7400, 12.8360, 9.6680

Trichromacy



Original Color

165.0300, 25.6780, -13.8260

Protanomaly

165.0300, 25.6780, -13.8260

Deuteranomaly

166.3840, 33.6090, -8.8790

Tritanomaly

168.2100, 16.9640, 0.9320

Monochromacy



Original Color

165.0300, 25.6780, -13.8260

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.2150, 9.4000, -5.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.0300, 25.6780, -13.8260 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(181, 167, 113)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 113)  
}
```

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(181, 167, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 113) }
```

Border

The CSS property to change the border of an element to YIQ 165.0300, 25.6780, -13.8260 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(181, 167, 113) }
```


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

```
.border{ border-color:rgb(181, 167, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 113);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 165.0300, 25.6780, -13.8260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 113) }
```

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

```
.background{ background-color: rgb(181,  
167, 113) }
```

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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