

Converting Colors

YIQ(165.1860, 77.1240,
-32.0920)

Have a look what the booklet for
YIQ(165.1860, 77.1240, -32.0920)
contains.

YIQ(165.1860, 77.1240, -32.0920)	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(165.1860, 77.1240,
-32.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA519
RGB	219, 165, 25
RGB Percent	86%, 65%, 10%
CMY	0.1411, 0.3530, 0.9015
CMYK	0.00, 0.25, 0.89, 0.14
HSL	43°, 79%, 48%
HSV	43°, 89%, 86%
XYZ	42.8442, 42.0343, 6.7810
YIQ	165.1860, 77.1240, -32.0920

Conversions

Conversions Part 2

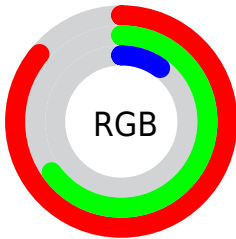
Format	Color
RYB	100, 219, 25
Decimal	14394649
CIELab	70.89, 8.83, 70.54
CIELCh	71, 71.092, 82.868
Yxy	42.0343, 0.4674, 0.4586
Android (android.graphics.Color)	4292584729 (0xFFDBA519)
YUV	165.1860, -69.1117, 47.1949
Hunter-Lab	64.8339, 4.4989, 39.1825

Details

The YIQ color **165.1860, 77.1240, -32.0920** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **78.8140, -77.1240, 32.0920**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3030, 63.5530, -33.9430**, and **114.4590, 63.4140, -25.9140** is the 20% darker color. If you saturate the color by 10%, you get **159.1560, 85.8360, -35.7960**, and if you desaturate by 10%, it is **171.2160, 68.4120, -28.3880**.

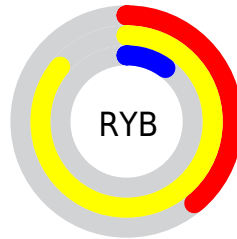
Distribution



Red (86%)

Green (65%)

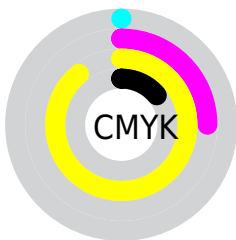
Blue (10%)



Red (39%)

Yellow (86%)

Blue (10%)

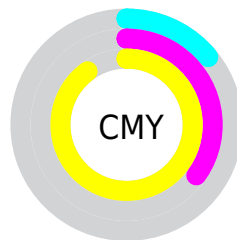


Cyan (0%)

Magenta (25%)

Yellow (89%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.1860, 77.1240, -32.0920 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 165.1860, 77.1240, -32.0920 by changing the saturation by 10% instead.

■ 165.1860, 77.1240,
-32.0920

■ 165.1860, 77.1240,
-32.0920

■ 255.0000, -0.0000,
-0.0000

■ 138.1040, 74.4190,
-32.6290

■ 215.3030, 63.5530,
-33.9430

■ 114.4590, 63.4140,
-25.9140

■ 234.9310, 46.8650,
-39.8790

■ 91.1130, 53.0050,
-18.9870

■ 242.2320, 35.9520,
-34.8320

■ 68.9410, 42.0460,
-13.1060

■ 245.4240, 26.9640,
-26.1240

■ 47.6550, 31.4080,
-7.5360

■ 248.7300, 17.6550,
-17.1050

■ 28.1410, 21.4120,
-2.5880

■ 252.0360, 8.3460,

■ 6.8770, 13.7080,

-8.0860

4.8760

■ 0.0000, 0.0000,
0.0000

■ 165.1860, 77.1240,
-32.0920

■ 165.1860, 77.1240,
-32.0920

■ 159.1560, 85.8360,
-35.7960

■ 171.2160, 68.4120,
-28.3880

■ 158.2270, 87.0740,
-36.2060

■ 177.2460, 59.7000,
-24.6840

■ 183.2760, 50.9880,
-20.9800

■ 189.3060, 42.2760,
-17.2760

■ 195.3360, 33.5640,
-13.5720

■ 201.9530, 24.5770,
-10.3910

■ 207.8690, 16.1860,
-6.9980

■ 213.8990, 7.4740,
-3.2940

■ 219.9290, -1.2380,
0.4100

Harmonies

Analogous

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



165.8180, 91.2850, 3.1330



165.1860, 77.1240, -32.0920



160.0550, 31.4160, -51.7520

Triad

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



165.1860, 77.1240, -32.0920



145.0560, -127.3620, -37.6500



178.3630, 23.1890, 58.8450

Complementary

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



165.1860, 77.1240, -32.0920



78.8140, -77.1240, 32.0920

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.



167.8070, -40.8560, 24.5840



165.1860, 77.1240, -32.0920



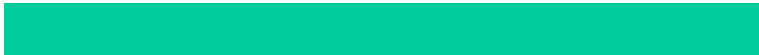
145.8830, -136.5800, -24.7720

Square

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



165.1860, 77.1240, -32.0920



136.8310, -105.5800, -57.9640



138.2520, -133.0050, -17.9730



163.8770, 59.5480, 55.1960

Rectangle

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



165.1860, 77.1240, -32.0920



153.9650, -12.3690, -56.6970



138.2520, -133.0050, -17.9730



176.9860, 4.8970, 48.9370

Sweetspot

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



165.1860, 77.1240, -32.0920



235.9810, 27.3740, -11.5220



89.2760, 97.9690, 58.2330



116.2820, 16.4610, -6.4750



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.



165.1860, 77.1240, -32.0920



184.2530, 101.3800, -42.1720



184.3260, 37.2420, -69.2380



106.9850, 4.3560, -1.8520



125.1020, 68.7330, -28.6990



33.1250, 18.3410, -7.5070

Inverse Universe

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



78.8140, -77.1240, 32.0920



70.7470, -101.3800, 42.1720



59.6740, -37.2420, 69.2380



102.0150, -4.3560, 1.8520



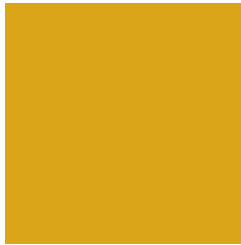
47.8980, -68.7330, 28.6990



12.8750, -18.3410, 7.5070

Previews

White Background



This preview shows how the YIQ color 165.1860, 77.1240, -32.0920 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 165.1860, 77.1240, -32.0920 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 165.1860, 77.1240, -32.0920

Background



This preview shows how black text looks on a background with the YIQ color 165.1860, 77.1240, -32.0920.



This preview shows how white text looks on a background with the YIQ color 165.1860, 77.1240,

-32.0920.

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

165.1860, 77.1240, -32.0920

Protanopia

163.9340, 59.9780, -40.7420

Deuteranopia

165.1860, 77.1240, -32.0920



Tritanopia

177.0810, 39.9770, 18.8970

Trichromacy



Original Color

165.1860, 77.1240, -32.0920

Protanomaly

164.4510, 65.8920, -37.7880

Deuteranomaly

165.1860, 77.1240, -32.0920

Tritanomaly

172.7180, 53.4600, 0.3080

Monochromacy



Original Color

165.1860, 77.1240, -32.0920

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.1660, 28.2910, -11.6210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.1860, 77.1240, -32.0920 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(219, 165, 25)` looks like.

```
.text, #text, p{  
    color:rgb(219, 165, 25)  
}
```

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(219, 165, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 165, 25) }
```

Border

The CSS property to change the border of an element to YIQ 165.1860, 77.1240, -32.0920 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(219, 165, 25) }
```


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

```
.border{ border-color:rgb(219, 165, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 165, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 165, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 165, 25);  
box-shadow:4px 4px 4px 4px rgb(219, 165,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 165.1860, 77.1240, -32.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 165, 25) }
```

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

```
.background{ background-color: rgb(219,  
165, 25) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor