

Converting Colors

YIQ(160.2960, 65.4310,
-23.9210)

Have a look what the booklet for
YIQ(160.2960, 65.4310, -23.9210)
contains.

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Color

**YIQ(160.2960, 65.4310,
-23.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	D09E2F
RGB	208, 158, 47
RGB Percent	82%, 62%, 18%
CMY	0.1843, 0.3805, 0.8153
CMYK	0.00, 0.24, 0.77, 0.18
HSL	41°, 63%, 50%
HSV	41°, 77%, 82%
XYZ	38.7541, 38.0641, 8.0032
YIQ	160.2960, 65.4310, -23.9210

Conversions

Conversions Part 2

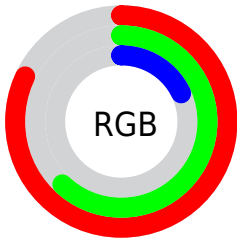
Format	Color
R _{YB}	120, 208, 47
Decimal	13671983
CIE _{Lab}	68.07, 8.40, 61.17
CIE _{LCh}	68, 61.741, 82.179
Y _{xy}	38.0641, 0.4569, 0.4488
Android (android.graphics.Color)	4291862063 (0xFFD09E2F)
YUV	160.2960, -55.8549, 41.8364
Hunter-Lab	61.6961, 4.1556, 35.4962

Details

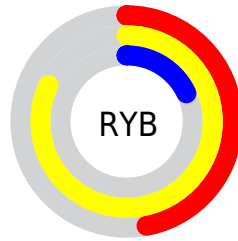
The YIQ color **160.2960, 65.4310, -23.9210** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **94.7040, -65.4310, 23.9210**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.2030, 61.2590, -25.4050**, and **107.3600, 59.3790, -24.3730** is the 20% darker color. If you saturate the color by 10%, you get **154.3800, 73.8220, -27.3140**, and if you desaturate by 10%, it is **166.2120, 57.0400, -20.5280**.

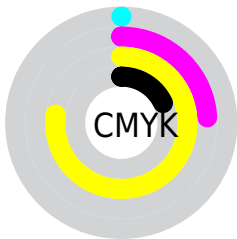
Distribution



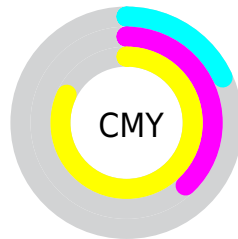
- Red (82%)
- Green (62%)
- Blue (18%)



- Red (47%)
- Yellow (82%)
- Blue (18%)



- Cyan (0%)
- Magenta (24%)
- Yellow (77%)
- Black (18%)



- Cyan (18%)
- Magenta (38%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.2960, 65.4310, -23.9210 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 160.2960, 65.4310, -23.9210 by changing the saturation by 10% instead.

■ 160.2960, 65.4310,
-23.9210

■ 160.2960, 65.4310,
-23.9210

■ 255.0000, -0.0000,
-0.0000

■ 132.1880, 65.6150,
-27.2570

■ 212.2030, 61.2590,
-25.4050

■ 107.3600, 59.3790,
-24.3730

■ 232.3040, 44.6170,
-32.1750

■ 84.9000, 49.2910,
-17.7570

■ 243.7140, 31.7790,
-30.7890

■ 62.7280, 38.3320,
-11.8760

■ 246.9060, 22.7910,
-22.0810

■ 42.3280, 28.0150,
-6.6170

■ 250.0980, 13.8030,
-13.3730

■ 23.1130, 18.6150,
-1.4570

■ 253.4040, 4.4940,

■ 0.0000, 0.0000,

-4.3540

0.0000

■ 160.2960, 65.4310,
-23.9210

■ 160.2960, 65.4310,
-23.9210

■ 154.3800, 73.8220,
-27.3140

■ 166.2120, 57.0400,
-20.5280

■ 147.8770, 82.4880,
-30.1840

■ 172.7150, 48.3740,
-17.6580

■ 146.1330, 84.6430,
-30.6930

■ 178.5170, 40.3040,
-14.5760

■ 185.0200, 31.6380,
-11.7060

■ 190.9360, 23.2470,
-8.3130

■ 197.4390, 14.5810,
-5.4430

■ 203.3550, 6.1900,
-2.0500

■ 209.8580, -2.4760,
0.8200

■ 215.6600,
-10.5460, 3.9020

Harmonies

Analogous

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



162.6910, 84.4530, 5.8050



160.2960, 65.4310, -23.9210



155.1120, 27.2420, -42.1820

Triad

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



160.2960, 65.4310, -23.9210



136.7750, -119.2010, -36.8730



171.2280, 18.8350, 49.6430

Complementary

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



160.2960, 65.4310, -23.9210



94.7040, -65.4310, 23.9210

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.



163.3880, -40.9940, 27.0860



160.2960, 65.4310, -23.9210



139.1980, -132.9130, -19.6410

Square

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



160.2960, 65.4310, -23.9210



129.6900, -100.6290, -54.0770



132.3820, -130.2550, -12.7430



165.1990, 61.3370, 50.3050

Rectangle

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



160.2960, 65.4310, -23.9210



149.8010, -8.6110, -47.7070



132.3820, -130.2550, -12.7430



170.3550, -0.6960, 45.6720

Sweetspot

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



160.2960, 65.4310, -23.9210



237.7080, 23.8890, -8.9350



100.9530, 79.5850, 49.9930



116.8520, 14.8560, -4.9200



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.



160.2960, 65.4310, -23.9210



184.5440, 96.4270, -35.0050



180.9750, 34.3970, -56.2190



101.3980, 4.6310, -1.3290



118.3240, 68.2280, -25.0520



28.6950, 16.7360, -5.9520

Inverse Universe

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



94.7040, -65.4310, 23.9210



88.4560, -96.4270, 35.0050



74.3240, -33.8010, 56.4310



97.0150, -4.3560, 1.8520



49.6760, -68.2280, 25.0520



12.3050, -16.7360, 5.9520

Previews

White Background



This preview shows how the YIQ color 160.2960, 65.4310, -23.9210 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 160.2960, 65.4310, -23.9210 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 160.2960, 65.4310, -23.9210

Background



This preview shows how black text looks on a background with the YIQ color 160.2960, 65.4310, -23.9210.



This preview shows how white text looks on a background with the YIQ color 160.2960, 65.4310, -23.9210.

-23.9210.

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

160.2960, 65.4310, -23.9210

Protanopia

159.2290, 49.2020, -32.6700

Deuteranopia

160.5950, 66.0270, -23.7090



Tritanopia

169.2870, 36.4010, 17.6250

Trichromacy



Original Color

160.2960, 65.4310, -23.9210

Protanomaly

159.7460, 55.1160, -29.7160

Deuteranomaly

160.5950, 66.0270, -23.7090

Tritanomaly

166.0640, 46.6740, 2.1460

Monochromacy



Original Color

160.2960, 65.4310, -23.9210

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.8220, 23.5680, -8.6240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.2960, 65.4310, -23.9210 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(208, 158, 47)` looks like.

```
.text, #text, p{  
    color:rgb(208, 158, 47)  
}
```

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(208, 158, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 158, 47) }
```

Border

The CSS property to change the border of an element to YIQ 160.2960, 65.4310, -23.9210 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(208, 158, 47) }
```


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

```
.border{ border-color:rgb(208, 158, 47) }
```

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

Here you see how a box with a 4 pixel rgb(208, 158, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 158, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 158, 47);  
box-shadow:4px 4px 4px 4px rgb(208, 158,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 160.2960, 65.4310, -23.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 158, 47) }
```

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

```
.background{ background-color: rgb(208,  
158, 47) }
```

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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