

Converting Colors

YIQ(167.6210, 63.1380,
-20.9100)

Have a look what the booklet for
YIQ(167.6210, 63.1380, -20.9100)
contains.

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Color

**YIQ(167.6210, 63.1380,
-20.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A43E
RGB	215, 164, 62
RGB Percent	84%, 64%, 24%
CMY	0.1568, 0.3569, 0.7565
CMYK	0.00, 0.24, 0.71, 0.16
HSL	40°, 66%, 54%
HSV	40°, 71%, 84%
XYZ	42.1720, 41.3412, 10.3265
YIQ	167.6210, 63.1380, -20.9100

Conversions

Conversions Part 2

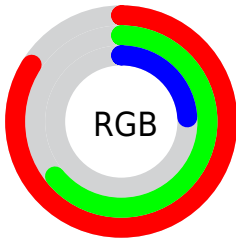
Format	Color
RYB	139, 215, 62
Decimal	14132286
CIELab	70.41, 8.88, 57.78
CIELCh	70, 58.462, 81.261
Yxy	41.3412, 0.4494, 0.4406
Android (android.graphics.Color)	4292322366 (0xFFD7A43E)
YUV	167.6210, -52.0712, 41.5514
Hunter-Lab	64.2971, 4.5570, 35.4857

Details

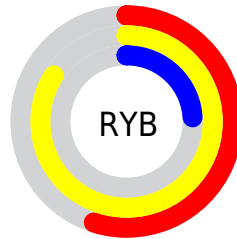
The YIQ color **167.6210, 63.1380, -20.9100** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **109.3790, -63.1380, 20.9100**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.9080, 54.8400, -24.7120**, and **112.9750, 61.9010, -26.0270** is the 20% darker color. If you saturate the color by 10%, you get **161.1180, 71.8040, -23.7800**, and if you desaturate by 10%, it is **174.2380, 54.1510, -17.7290**.

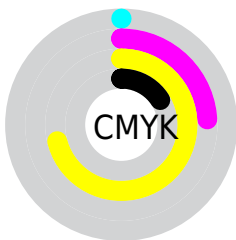
Distribution



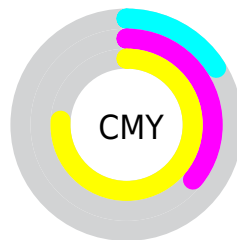
- Red (84%)
- Green (64%)
- Blue (24%)



- Red (55%)
- Yellow (84%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (71%)
- Black (16%)



- Cyan (16%)
- Magenta (36%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.6210, 63.1380, -20.9100 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 167.6210, 63.1380, -20.9100 by changing the saturation by 10% instead.

■ 167.6210, 63.1380,
-20.9100

■ 167.6210, 63.1380,
-20.9100

■ 255.0000, -0.0000,
-0.0000

■ 140.1970, 61.3960,
-22.3800

■ 217.9080, 54.8400,
-24.7120

■ 112.9750, 61.9010,
-26.0270

■ 237.4220, 38.4730,
-30.9590

■ 89.6290, 51.4920,
-19.1000

■ 245.1960, 27.6060,
-26.7460

■ 68.0550, 41.7250,
-12.7950

■ 248.5020, 18.2970,
-17.7270

■ 46.7690, 31.0870,
-7.2250

■ 251.6940, 9.3090,
-9.0190

■ 27.2550, 21.0910,
-2.2770

■ 6.2790, 12.5160,

4.4520

■ 0.0000, 0.0000,
0.0000

■ 167.6210, 63.1380,
-20.9100

■ 167.6210, 63.1380,
-20.9100

■ 161.1180, 71.8040,
-23.7800

■ 174.2380, 54.1510,
-17.7290

■ 154.5010, 80.7910,
-26.9610

■ 180.7410, 45.4850,
-14.8590

■ 148.2260, 88.8150,
-29.2090

■ 187.9450, 36.2230,
-12.2010

■ 194.4480, 27.5570,
-9.3310

■ 201.0650, 18.5700,
-6.1500

■ 207.5680, 9.9040,
-3.2800

■ 214.1850, 0.9170,
-0.0990

■ 220.6880, -7.7490,
2.7710

■ 227.7780,
-16.6900, 5.1180

Harmonies

Analogous

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



170.2500, 81.3810, 6.4130



167.6210, 63.1380, -20.9100



163.2200, 27.0580, -38.8460

Triad

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



167.6210, 63.1380, -20.9100



140.0520, -121.5390, -38.5550



177.5650, 16.2680, 46.6040

Complementary

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



167.6210, 63.1380, -20.9100



109.3790, -63.1380, 20.9100

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.



169.5900, -38.7470, 24.9090



167.6210, 63.1380, -20.9100



142.8340, -134.8840, -22.4680

Square

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



167.6210, 63.1380, -20.9100



133.1950, -103.6090, -55.1370



136.4910, -132.1800, -16.4040



172.4540, 56.0650, 46.7290

Rectangle

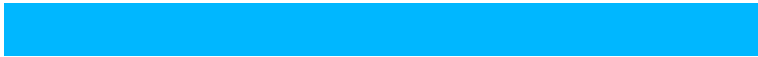
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



167.6210, 63.1380, -20.9100



158.0510, -6.3190, -45.1910



136.4910, -132.1800, -16.4040



177.2900, -2.0710, 43.0570

Sweetspot

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



167.6210, 63.1380, -20.9100



238.2780, 22.2840, -7.3800



113.9030, 73.8540, 49.2300



117.8950, 13.2970, -4.1990



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.



167.6210, 63.1380, -20.9100



187.9980, 89.4570, -29.8310



190.6810, 35.4050, -52.4590



103.9850, 4.3560, -1.8520



118.0470, 70.5660, -23.3700



29.8800, 17.6530, -6.0510

Inverse Universe

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



109.3790, -63.1380, 20.9100



105.5890, -89.7320, 29.3080



86.3190, -35.4050, 52.4590



99.6020, -4.6310, 1.3290



52.9530, -70.5660, 23.3700



13.1200, -17.6530, 6.0510

Previews

White Background



This preview shows how the YIQ color 167.6210, 63.1380, -20.9100 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 167.6210, 63.1380, -20.9100 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 167.6210, 63.1380, -20.9100

Background



This preview shows how black text looks on a background with the YIQ color 167.6210, 63.1380, -20.9100.



This preview shows how white text looks on a background with the YIQ color 167.6210, 63.1380, -20.9100.

-20.9100.

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

167.6210, 63.1380, -20.9100

Protanopia

166.6680, 46.5880, -29.3480

Deuteranopia

167.6210, 63.1380, -20.9100



Tritanopia

175.5860, 36.9970, 17.8370

Trichromacy



Original Color

167.6210, 63.1380, -20.9100

Protanomaly

167.1850, 52.5020, -26.3940

Deuteranomaly

167.6210, 63.1380, -20.9100

Tritanomaly

172.8190, 45.9860, 3.6020

Monochromacy



Original Color

167.6210, 63.1380, -20.9100

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0500, 22.9260, -8.0020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.6210, 63.1380, -20.9100 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(215, 164, 62)` looks like.

```
.text, #text, p{  
    color:rgb(215, 164, 62)  
}
```

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(215, 164, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 164, 62) }
```

Border

The CSS property to change the border of an element to YIQ 167.6210, 63.1380, -20.9100 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(215, 164, 62) }
```


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

```
.border{ border-color:rgb(215, 164, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 164, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 164, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 164, 62);  
box-shadow:4px 4px 4px 4px rgb(215, 164,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 167.6210, 63.1380, -20.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 164, 62) }
```

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

```
.background{ background-color: rgb(215,  
164, 62) }
```

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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