

Converting Colors

YIQ(159.3260, 56.7190,
-20.2170)

Have a look what the booklet for
YIQ(159.3260, 56.7190, -20.2170)
contains.

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Color

**YIQ(159.3260, 56.7190,
-20.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	C99D3E
RGB	201, 157, 62
RGB Percent	79%, 62%, 24%
CMY	0.2117, 0.3844, 0.7566
CMYK	0.00, 0.22, 0.69, 0.21
HSL	41°, 56%, 52%
HSV	41°, 69%, 79%
XYZ	37.0159, 36.8754, 9.7351
YIQ	159.3260, 56.7190, -20.2170

Conversions

Conversions Part 2

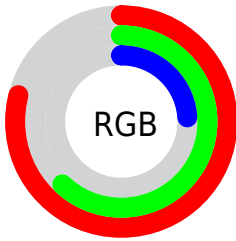
Format	Color
R_{YB}	126, 201, 62
Decimal	13212990
CIE _{Lab}	67.18, 6.59, 53.99
CIE _{LCh}	67, 54.388, 83.045
Yxy	36.8754, 0.4426, 0.4410
Android (android.graphics.Color)	4291403070 (0xFFC99D3E)
YUV	159.3260, -47.9817, 36.5481
Hunter-Lab	60.7251, 2.5385, 33.0025

Details

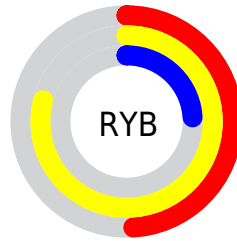
The YIQ color **159.3260, 56.7190, -20.2170** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **103.6740, -56.7190, 20.2170**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **213.0980, 57.3610, -20.8390**, and **104.9790, 56.0780, -25.1220** is the 20% darker color. If you saturate the color by 10%, you get **153.5240, 64.7890, -23.2990**, and if you desaturate by 10%, it is **165.1280, 48.6490, -17.1350**.

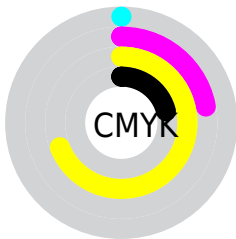
Distribution



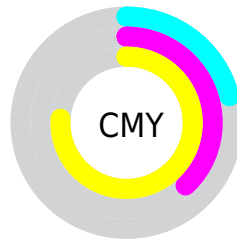
- Red (79%)
- Green (62%)
- Blue (24%)



- Red (49%)
- Yellow (79%)
- Blue (24%)



- Cyan (0%)
- Magenta (22%)
- Yellow (69%)
- Black (21%)





- Cyan (21%)
- Magenta (38%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.3260, 56.7190, -20.2170 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 159.3260, 56.7190, -20.2170 by changing the saturation by 10% instead.


 159.3260, 56.7190,
-20.2170


 159.3260, 56.7190,
-20.2170


255.0000, -0.0000,
-0.0000


 132.3150, 55.2520,
-21.1640


 213.0980, 57.3610,
-20.8390


 104.9790, 56.0780,
-25.1220


 233.1990, 40.7190,
-27.6090

 82.5190, 45.9900,
-18.5060


 245.0820, 27.9270,
-27.0570

 60.9450, 36.2230,
-12.2010

 248.2740, 18.9390,
-18.3490

 40.5450, 25.9060,
-6.9420

 251.5800, 9.6300,
-9.3300

 21.3300, 16.5060,
-1.7820

254.8860, 0.3210,

 0.0000, 0.0000,

-0.3110

0.0000

■ 159.3260, 56.7190,
-20.2170

■ 159.3260, 56.7190,
-20.2170

■ 153.5240, 64.7890,
-23.2990

■ 165.1280, 48.6490,
-17.1350

■ 147.1350, 73.1340,
-25.8580

■ 171.5170, 40.3040,
-14.5760

■ 141.3330, 81.2040,
-28.9400

■ 177.3190, 32.2340,
-11.4940

■ 140.5180, 82.1210,
-29.0390

■ 183.1210, 24.1640,
-8.4120

■ 189.6240, 15.4980,
-5.5420

■ 195.4260, 7.4280,
-2.4600

■ 201.8150, -0.9170,
0.0990

■ 207.6170, -8.9870,
3.1810

■ 213.4190,
-17.0570, 6.2630

Harmonies

Analogous

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



161.3740, 75.1000, 4.6040



159.3260, 56.7190, -20.2170



154.7620, 22.6560, -36.1600

Triad

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



159.3260, 56.7190, -20.2170



133.1560, -115.9000, -36.1240



168.3540, 18.2400, 43.9040

Complementary

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



159.3260, 56.7190, -20.2170



103.6740, -56.7190, 20.2170

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.



163.8940, -36.5470, 29.0930



159.3260, 56.7190, -20.2170



134.8950, -127.6860, -20.7580

Square

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



159.3260, 56.7190, -20.2170



126.8690, -99.5750, -51.1510



130.0340, -129.1550, -10.6510



165.6450, 56.8450, 43.6050

Rectangle

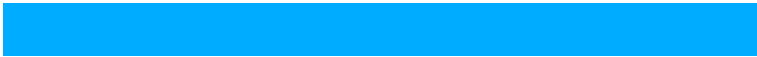
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



159.3260, 56.7190, -20.2170



149.9030, -8.6580, -41.3460



130.0340, -129.1550, -10.6510



168.2640, 0.8180, 40.2580

Sweetspot

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



159.3260, 56.7190, -20.2170



238.8650, 22.0090, -7.9030



108.8050, 68.0780, 43.7740



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.



159.3260, 56.7190, -20.2170



191.5030, 86.4770, -30.8910



178.2770, 30.9110, -48.1050



96.2130, 3.7140, -1.2300



113.8940, 66.6230, -23.4970



24.8520, 14.8560, -4.9200

Inverse Universe

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



103.6740, -56.7190, 20.2170



106.4970, -86.4770, 30.8910



84.7230, -30.9110, 48.1050



92.7870, -3.7140, 1.2300



49.1060, -66.6230, 23.4970



10.5610, -14.5810, 5.4430

Previews

White Background



This preview shows how the YIQ color 159.3260, 56.7190, -20.2170 looks on a white background.

Color Contrast Check

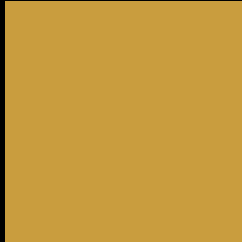
Large Text (above 18pt) WCAG AA × Fail

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 159.3260, 56.7190, -20.2170 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 159.3260, 56.7190, -20.2170

Background



This preview shows how black text looks on a background with the YIQ color 159.3260, 56.7190, -20.2170.



This preview shows how white text looks on a background with the YIQ color 159.3260, 56.7190, -20.2170.

-20.2170.

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

159.3260, 56.7190, -20.2170

Protanopia

158.2810, 43.4240, -27.0720

Deuteranopia

159.6360, 58.7820, -19.0580



Tritanopia

166.4930, 32.8250, 16.3530

Trichromacy



Original Color

159.3260, 56.7190, -20.2170

Protanomaly

158.4990, 48.7420, -24.3300

Deuteranomaly

159.3370, 58.1860, -19.2700

Tritanomaly

163.9540, 41.1720, 2.7400

Monochromacy



Original Color

159.3260, 56.7190, -20.2170

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.9080, 20.4500, -7.1820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.3260, 56.7190, -20.2170 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(201, 157, 62)` looks like.

```
.text, #text, p{  
    color:rgb(201, 157, 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(201, 157, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 157, 62) }
```

Border

The CSS property to change the border of an element to YIQ 159.3260, 56.7190, -20.2170 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(201, 157, 62) }
```


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

```
.border{ border-color:rgb(201, 157, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 157, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 157, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 157, 62);  
box-shadow:4px 4px 4px 4px rgb(201, 157,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 159.3260, 56.7190, -20.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 157, 62) }
```

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

```
.background{ background-color: rgb(201,  
157, 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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