

Converting Colors

YIQ(139.4290, 64.0990,
-10.7890)

Have a look what the booklet for
YIQ(139.4290, 64.0990, -10.7890)
contains.

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Color

**YIQ(139.4290, 64.0990,
-10.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	C28132
RGB	194, 129, 50
RGB Percent	76%, 51%, 20%
CMY	0.2391, 0.4942, 0.8036
CMYK	0.00, 0.34, 0.74, 0.24
HSL	33°, 59%, 48%
HSV	33°, 74%, 76%
XYZ	30.6791, 27.3971, 6.6979
YIQ	139.4290, 64.0990, -10.7890

Conversions

Conversions Part 2

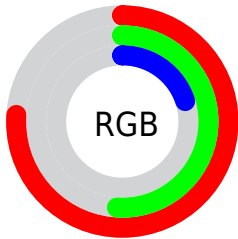
Format	Color
R_{YB}	168, 194, 50
Decimal	12747058
CIE _{Lab}	59.34, 18.24, 50.95
CIE _{LCh}	59, 54.113, 70.301
Yxy	27.3971, 0.4736, 0.4230
Android (android.graphics.Color)	4290937138 (0xFFC28132)
YUV	139.4290, -44.0885, 47.8588
Hunter-Lab	52.3423, 13.0244, 29.0526

Details

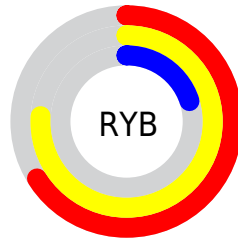
The YIQ color **139.4290, 64.0990, -10.7890** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **104.5710, -64.0990, 10.7890**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.2940, 68.9130, -9.9270**, and **87.3250, 58.4600, -13.2200** is the 20% darker color. If you saturate the color by 10%, you get **131.9800, 72.6730, -11.9910**, and if you desaturate by 10%, it is **146.8780, 55.5250, -9.5870**.

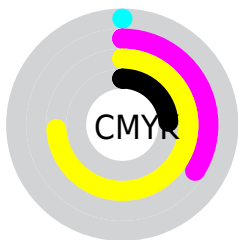
Distribution



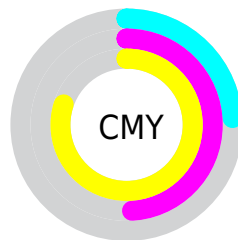
- Red (76%)
- Green (51%)
- Blue (20%)



- Red (66%)
- Yellow (76%)
- Blue (20%)



- Cyan (0%)
- Magenta (34%)
- Yellow (74%)
- Black (24%)





- Cyan (24%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.4290, 64.0990, -10.7890 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 139.4290, 64.0990, -10.7890 by changing the saturation by 10% instead.


 139.4290, 64.0990,
-10.7890


 139.4290, 64.0990,
-10.7890


255.0000, -0.0000,
-0.0000

 113.0050, 62.3570,
-12.2590


 194.2940, 68.9130,
-9.9270


 87.6240, 59.0560,
-13.0080


 213.9930, 53.4630,
-16.2730


 65.1640, 48.9680,
-6.3920


 233.5070, 37.0960,
-22.5200

 44.1660, 37.4590,
-1.5570

 246.5640, 23.7540,
-23.0140

 24.0650, 27.7380,
3.9140

 249.8700, 14.4450,
-13.9950

 8.7850, 16.9630,
6.4590

 253.0620, 5.4570,

 0.0000, 0.0000,

-5.2870

0.0000

■ 139.4290, 64.0990,
-10.7890

■ 139.4290, 64.0990,
-10.7890

■ 131.9800, 72.6730,
-11.9910

■ 146.8780, 55.5250,
-9.5870

■ 124.4170, 81.5680,
-13.5040

■ 154.4410, 46.6300,
-8.0740

■ 120.2280, 86.4740,
-14.3100

■ 161.3030, 38.3310,
-6.3490

■ 168.8660, 29.4360,
-4.8360

■ 176.3150, 20.8620,
-3.6340

■ 183.7640, 12.2880,
-2.4320

■ 190.7400, 3.6680,
-0.3960

■ 198.1890, -4.9060,
0.8060

■ 205.7520,
-13.8010, 2.3190

Harmonies

Analogous

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



141.1110, 74.8230, 15.1350



139.4290, 64.0990, -10.7890



136.1230, 37.8770, -31.1710

Triad

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



139.4290, 64.0990, -10.7890



115.4540, -96.3680, -37.6800



146.7580, -3.6290, 38.2510

Complementary

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



139.4290, 64.0990, -10.7890



104.5710, -64.0990, 10.7890

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.



135.4770, -66.5300, 16.3020



139.4290, 64.0990, -10.7890



119.4100, -110.2630, -22.6390

Square

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



139.4290, 64.0990, -10.7890



108.6940, -80.0890, -51.8730



118.6070, -117.6470, -9.9590



145.3860, 41.5770, 44.9770

Rectangle

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



139.4290, 64.0990, -10.7890



132.5480, 11.5150, -37.9970



118.6070, -117.6470, -9.9590



145.0160, -22.1510, 32.5130

Sweetspot

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



139.4290, 64.0990, -10.7890



231.0550, 24.5300, -4.0300



100.6940, 64.3170, 51.3650



115.3190, 15.0390, -2.7290



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.



139.4290, 64.0990, -10.7890



167.1770, 99.6790, -16.8410



176.0890, 43.2440, -45.8440



93.5120, 4.3100, -1.0180



99.7950, 71.7560, -11.8920



20.4330, 14.7180, -2.4180

Inverse Universe

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



104.5710, -64.0990, 10.7890



112.8230, -99.6790, 16.8410



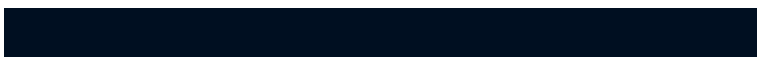
67.9110, -43.2440, 45.8440



91.0750, -4.5850, 0.4950



61.2050, -71.7560, 11.8920



12.5670, -14.7180, 2.4180

Previews

White Background



This preview shows how the YIQ color 139.4290, 64.0990, -10.7890 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 139.4290, 64.0990, -10.7890 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 × Fail

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

YIQ 139.4290, 64.0990, -10.7890

Background



This preview shows how black text looks on a background with the YIQ color 139.4290, 64.0990, -10.7890.



This preview shows how white text looks on a background with the YIQ color 139.4290, 64.0990, -10.7890.

-10.7890.

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

139.4290, 64.0990, -10.7890

Protanopia

138.5240, 38.4260, -24.5980

Deuteranopia

138.8250, 53.8760, -18.2520



Tritanopia

145.3480, 43.5990, 19.3350

Trichromacy



Original Color

139.4290, 64.0990, -10.7890

Protanomaly

139.0630, 47.2740, -19.7500

Deuteranomaly

138.6730, 57.3600, -15.3120

Tritanomaly

143.2050, 50.8910, 8.3230

Monochromacy



Original Color

139.4290, 64.0990, -10.7890

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.9840, 23.2920, -3.6200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.4290, 64.0990, -10.7890 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(194, 129, 50)` looks like.

```
.text, #text, p{  
    color:rgb(194, 129, 50)  
}
```

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(194, 129, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 129, 50) }
```

Border

The CSS property to change the border of an element to YIQ 139.4290, 64.0990, -10.7890 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(194, 129, 50) }
```


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

```
.border{ border-color:rgb(194, 129, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 129, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 129, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 129, 50);  
box-shadow:4px 4px 4px 4px rgb(194, 129,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 139.4290, 64.0990, -10.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 129, 50) }
```

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

```
.background{ background-color: rgb(194,  
129, 50) }
```

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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