

Converting Colors

YIQ(137.2410, 58.0960,
-28.6560)

Have a look what the booklet for
YIQ(137.2410, 58.0960, -28.6560)
contains.

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Color

**YIQ(137.2410, 58.0960,
-28.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8C18
RGB	175, 140, 24
RGB Percent	69%, 55%, 9%
CMY	0.3137, 0.4510, 0.9055
CMYK	0.00, 0.20, 0.86, 0.31
HSL	46°, 76%, 39%
HSV	46°, 86%, 69%
XYZ	27.2214, 27.9324, 4.8254
YIQ	137.2410, 58.0960, -28.6560

Conversions

Conversions Part 2

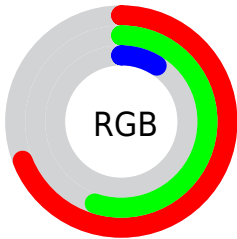
Format	Color
RYB	70, 175, 24
Decimal	11504664
CIELab	59.83, 2.74, 59.96
CIELCh	60, 60.023, 87.386
Yxy	27.9324, 0.4538, 0.4657
Android (android.graphics.Color)	4289694744 (0xFFAF8C18)
YUV	137.2410, -55.8278, 33.1146
Hunter-Lab	52.8511, -0.5513, 31.5825

Details

The YIQ color **137.2410, 58.0960, -28.6560** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **61.7590, -58.0960, 28.6560**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.4910, 60.3880, -26.1400**, and **88.1120, 45.5780, -22.0540** is the 20% darker color. If you saturate the color by 10%, you get **132.9550, 64.6530, -31.8510**, and if you desaturate by 10%, it is **141.6410, 51.2180, -25.1500**.

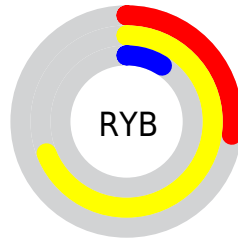
Distribution



Red (69%)

Green (55%)

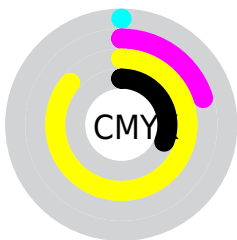
Blue (9%)



Red (27%)

Yellow (69%)

Blue (9%)

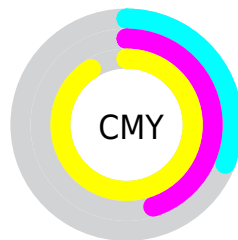


Cyan (0%)

Magenta (20%)

Yellow (86%)

Black (31%)



Cyan (31%)

Magenta (45%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.2410, 58.0960, -28.6560 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 137.2410, 58.0960, -28.6560 by changing the saturation by 10% instead.

■ 137.2410, 58.0960,
-28.6560

■ 137.2410, 58.0960,
-28.6560

■ 255.0000, -0.0000,
-0.0000

■ 111.1590, 55.3910,
-29.1930

■ 192.4910, 60.3880,
-26.1400

■ 88.1120, 45.5780,
-22.0540

■ 218.2840, 56.5370,
-27.9350

■ 66.2390, 35.2150,
-15.9610

■ 237.7980, 40.1700,
-34.1820

■ 45.2520, 25.1730,
-10.1790

■ 244.5120, 29.5320,
-28.6120

■ 26.0370, 15.7730,
-5.0190

■ 247.7040, 20.5440,
-19.9040

■ 1.4950, 2.9800,
1.0600

■ 250.8960, 11.5560,

■ 0.0000, 0.0000,

-11.1960

0.0000

254.3160, 1.9260,
-1.8660

137.2410, 58.0960,
-28.6560

137.2410, 58.0960,
-28.6560

132.9550, 64.6530,
-31.8510

141.6410, 51.2180,
-25.1500

130.9830, 67.4500,
-32.9820

145.9270, 44.6610,
-21.9550

150.3270, 37.7830,
-18.4490

154.6130, 31.2260,
-15.2540

159.0130, 24.3480,
-11.7480

■ 163.2990, 17.7910,
-8.5530

■ 167.6990, 10.9130,
-5.0470

■ 171.9850, 4.3560,
-1.8520

■ 176.9720, -2.7970,
1.1310

Harmonies

Analogous

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



140.2940, 78.0810, 0.1370



137.2410, 58.0960, -28.6560



132.3220, 17.8430, -42.5490

Triad

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



137.2410, 58.0960, -28.6560



120.9770, -107.7860, -28.9860



148.0070, 26.7670, 49.0630

Complementary

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



137.2410, 58.0960, -28.6560



61.7590, -58.0960, 28.6560

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.



145.2800, -31.6420, 33.8140



137.2410, 58.0960, -28.6560



122.8300, -119.8930, -13.3090

Square

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



137.2410, 58.0960, -28.6560



114.9350, -90.7730, -45.4690



117.7240, -122.0500, -1.7460



142.9560, 66.3350, 47.8310

Rectangle

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



137.2410, 58.0960, -28.6560



126.4670, -19.2940, -46.8300



117.7240, -122.0500, -1.7460



148.0310, 9.0240, 45.7280

Sweetspot

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



137.2410, 58.0960, -28.6560



212.0560, 22.7890, -11.0270



73.1390, 78.7610, 42.8970



105.6130, 14.0310, -6.4890



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.2410, 58.0960, -28.6560



170.0110, 87.4420, -42.8780



145.8260, 24.6310, -55.4410



84.8000, 3.4390, -1.7530



112.9420, 57.5000, -28.8680



17.4430, 8.7580, -4.5380

Inverse Universe

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



61.7590, -58.0960, 28.6560



56.9890, -87.4420, 42.8780



53.1740, -24.6310, 55.4410



80.2000, -3.4390, 1.7530



37.6450, -57.7750, 28.3450



5.5570, -8.7580, 4.5380

Previews

White Background



This preview shows how the YIQ color 137.2410, 58.0960, -28.6560 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 137.2410, 58.0960, -28.6560 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 137.2410, 58.0960, -28.6560

Background



This preview shows how black text looks on a background with the YIQ color 137.2410, 58.0960, -28.6560.



This preview shows how white text looks on a background with the YIQ color 137.2410, 58.0960,

-28.6560.

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

137.2410, 58.0960, -28.6560

Protanopia

136.7020, 49.2480, -33.5040

Deuteranopia

137.8010, 62.4510, -24.9810



Tritanopia

146.6880, 27.7820, 14.1340

Trichromacy



Original Color

137.2410, 58.0960, -28.6560

Protanomaly

136.7240, 52.1820, -31.6100

Deuteranomaly

137.3770, 60.7090, -26.4510

Tritanomaly

143.3510, 38.3760, -1.6560

Monochromacy



Original Color

137.2410, 58.0960, -28.6560

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0990, 21.2300, -10.3060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.2410, 58.0960, -28.6560 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(175, 140, 24)` looks like.

```
.text, #text, p{  
    color:rgb(175, 140, 24)  
}
```

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(175, 140, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 140, 24) }
```

Border

The CSS property to change the border of an element to YIQ 137.2410, 58.0960, -28.6560 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(175, 140, 24) }
```


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

```
.border{ border-color:rgb(175, 140, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 140, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 140, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 140, 24);  
box-shadow:4px 4px 4px 4px rgb(175, 140,  
24) }
```

Background

The CSS property to change the background color of an element to YIQ 137.2410, 58.0960, -28.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 140, 24) }
```

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

```
.background{ background-color: rgb(175,  
140, 24) }
```

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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