

Converting Colors

YIQ(141.5670, 72.3980,
-12.5140)

Have a look what the booklet for
YIQ(141.5670, 72.3980, -12.5140)
contains.

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Color

**YIQ(141.5670, 72.3980,
-12.5140)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8228
RGB	203, 130, 40
RGB Percent	80%, 51%, 16%
CMY	0.2038, 0.4903, 0.8428
CMYK	0.00, 0.36, 0.80, 0.20
HSL	33°, 67%, 48%
HSV	33°, 80%, 80%
XYZ	32.9998, 28.8116, 5.8375
YIQ	141.5670, 72.3980, -12.5140

Conversions

Conversions Part 2

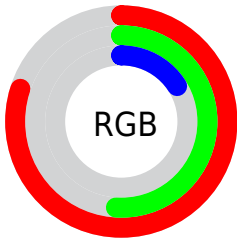
Format	Color
R_{YB}	172, 203, 40
Decimal	13337128
CIE _{Lab}	60.61, 21.18, 56.68
CIE _{LCh}	61, 60.510, 69.507
Yxy	28.8116, 0.4878, 0.4259
Android (android.graphics.Color)	4291527208 (0xFFCB8228)
YUV	141.5670, -50.0725, 53.8767
Hunter-Lab	53.6764, 15.8067, 31.1255

Details

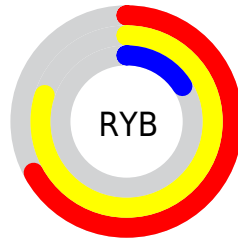
The YIQ color **141.5670, 72.3980, -12.5140** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **101.4330, -72.3980, 12.5140**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.2680, 71.8020, -12.7260**, and **89.7170, 63.2280, -11.5240** is the 20% darker color. If you saturate the color by 10%, you get **134.0040, 81.2930, -14.0270**, and if you desaturate by 10%, it is **149.1300, 63.5030, -11.0010**.

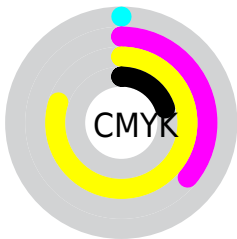
Distribution



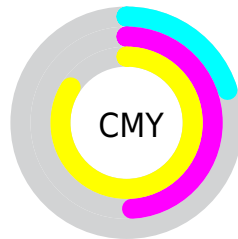
- Red (80%)
- Green (51%)
- Blue (16%)



- Red (67%)
- Yellow (80%)
- Blue (16%)



- Cyan (0%)
- Magenta (36%)
- Yellow (80%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.5670, 72.3980, -12.5140 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 141.5670, 72.3980, -12.5140 by changing the saturation by 10% instead.

141.5670, 72.3980,
-12.5140

141.5670, 72.3980,
-12.5140

255.0000, -0.0000,
-0.0000

114.1600, 71.9860,
-16.0620

194.2680, 71.8020,
-12.7260

89.7170, 63.2280,
-11.5240

213.6680, 55.7560,
-19.2840

67.8440, 52.8650,
-5.4310

233.1820, 39.3890,
-25.5310

46.2590, 41.6310,
-0.0730

245.6520, 26.3220,
-25.5020

25.2720, 31.5890,
5.7090

248.8440, 17.3340,
-16.7940

10.8780, 21.1350,
7.9430

252.1500, 8.0250,

0.0000, 0.0000,

-7.7750

0.0000

■ 141.5670, 72.3980,
-12.5140

■ 141.5670, 72.3980,
-12.5140

■ 134.0040, 81.2930,
-14.0270

■ 149.1300, 63.5030,
-11.0010

■ 126.4410, 90.1880,
-15.5400

■ 156.8070, 54.2870,
-9.1770

■ 164.3700, 45.3920,
-7.6640

■ 171.9330, 36.4970,
-6.1510

■ 179.6100, 27.2810,
-4.3270

■ 187.7600, 18.1110,
-3.3370

■ 195.3230, 9.2160,
-1.8240

■ 203.0000, 0.0000,
-0.0000

■ 210.5630, -8.8950,
1.5130

Harmonies

Analogous

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



142.5960, 83.7630, 18.3150



141.5670, 72.3980, -12.5140



137.5550, 45.1680, -36.6560

Triad

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



141.5670, 72.3980, -12.5140



119.4320, -99.3020, -39.5740



150.6100, -5.9680, 42.0960

Complementary

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



141.5670, 72.3980, -12.5140



101.4330, -72.3980, 12.5140

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.



133.8540, -83.7690, 14.8470



141.5670, 72.3980, -12.5140



124.0720, -115.1230, -22.6670

Square

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



141.5670, 72.3980, -12.5140



111.4010, -80.8220, -55.1100



123.1380, -123.5160, -8.2200



147.6410, 45.4730, 51.4650

Rectangle

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



141.5670, 72.3980, -12.5140



133.9410, 14.5420, -43.2980



123.1380, -123.5160, -8.2200



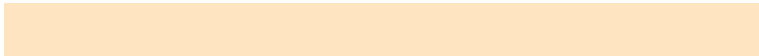
147.9000, -27.5160, 36.1320

Sweetspot

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



141.5670, 72.3980, -12.5140



232.1970, 27.0060, -4.8500



97.0590, 73.7150, 57.2590



113.8030, 16.5520, -2.6160



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.



141.5670, 72.3980, -12.5140



162.5000, 108.8950, -18.6650



182.0260, 47.5550, -52.3890



97.9250, 4.5850, -0.4950



103.0510, 73.9110, -12.4010



23.6890, 16.8730, -2.9270

Inverse Universe

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



101.4330, -72.3980, 12.5140



102.5000, -108.8950, 18.6650



60.9740, -47.5550, 52.3890



95.4880, -4.3100, 1.0180



62.3620, -73.6360, 12.9240



14.3110, -16.8730, 2.9270

Previews

White Background



This preview shows how the YIQ color 141.5670, 72.3980, -12.5140 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 141.5670, 72.3980, -12.5140 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 141.5670, 72.3980, -12.5140

Background



This preview shows how black text looks on a background with the YIQ color 141.5670, 72.3980, -12.5140.



This preview shows how white text looks on a background with the YIQ color 141.5670, 72.3980, -12.5140.

-12.5140.

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

141.5670, 72.3980, -12.5140

Protanopia

140.3410, 43.1950, -28.4290

Deuteranopia

140.7130, 59.8830, -22.4930



Tritanopia

148.0390, 48.9630, 21.2430

Trichromacy



Original Color

141.5670, 72.3980, -12.5140

Protanomaly

140.8910, 53.5100, -22.6340

Deuteranomaly

141.1590, 64.5590, -19.1290

Tritanomaly

145.4400, 57.5390, 8.9870

Monochromacy



Original Color

141.5670, 72.3980, -12.5140

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.0120, 26.0890, -4.7510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.5670, 72.3980, -12.5140 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(203, 130, 40)` looks like.

```
.text, #text, p{  
    color:rgb(203, 130, 40)  
}
```

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(203, 130, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 130, 40) }
```

Border

The CSS property to change the border of an element to YIQ 141.5670, 72.3980, -12.5140 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(203, 130, 40) }
```


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

```
.border{ border-color:rgb(203, 130, 40) }
```

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

Here you see how a box with a 4 pixel rgb(203, 130, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 130, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 130, 40);  
box-shadow:4px 4px 4px 4px rgb(203, 130,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 141.5670, 72.3980, -12.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 130, 40) }
```

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

```
.background{ background-color: rgb(203,  
130, 40) }
```

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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