

Converting Colors

YIQ(147.3250, 58.4600,
-13.2200)

Have a look what the booklet for
YIQ(147.3250, 58.4600, -13.2200)
contains.

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Color

**YIQ(147.3250, 58.4600,
-13.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	C38C3C
RGB	195, 140, 60
RGB Percent	76%, 55%, 24%
CMY	0.2352, 0.4511, 0.7644
CMYK	0.00, 0.28, 0.69, 0.24
HSL	36°, 53%, 50%
HSV	36°, 69%, 76%
XYZ	32.7033, 30.6812, 8.4838
YIQ	147.3250, 58.4600, -13.2200

Conversions

Conversions Part 2

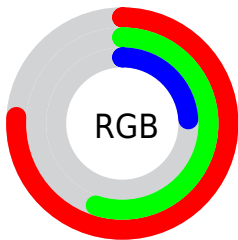
Format	Color
RYB	153, 195, 60
Decimal	12815420
CIELab	62.24, 13.13, 49.47
CIELCh	62, 51.184, 75.131
Yxy	30.6812, 0.4550, 0.4269
Android (android.graphics.Color)	4291005500 (0xFFC38C3C)
YUV	147.3250, -43.0512, 41.8110
Hunter-Lab	55.3907, 8.4549, 29.6924

Details

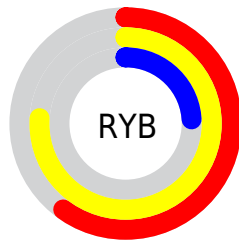
The YIQ color **147.3250, 58.4600, -13.2200** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **107.6750, -58.4600, 13.2200**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1900, 63.2740, -12.3580**, and **94.1350, 55.9390, -17.0930** is the 20% darker color. If you saturate the color by 10%, you get **140.4630, 66.7590, -14.9450**, and if you desaturate by 10%, it is **154.3010, 49.8400, -11.1840**.

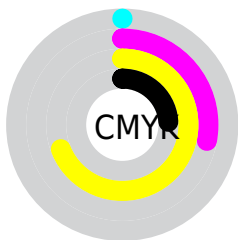
Distribution



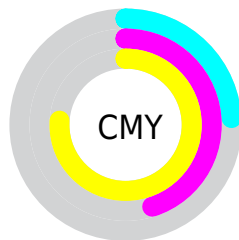
- Red (76%)
- Green (55%)
- Blue (24%)



- Red (60%)
- Yellow (76%)
- Blue (24%)



- Cyan (0%)
- Magenta (28%)
- Yellow (69%)
- Black (24%)



- Cyan (24%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.3250, 58.4600, -13.2200 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 147.3250, 58.4600, -13.2200 by changing the saturation by 10% instead.

■ 147.3250, 58.4600,
-13.2200

■ 147.3250, 58.4600,
-13.2200

■ 255.0000, -0.0000,
-0.0000

■ 121.0150, 56.3970,
-14.3790

■ 202.1900, 63.2740,
-12.3580

■ 94.1350, 55.9390,
-17.0930

■ 221.5900, 47.2280,
-18.9160

■ 71.9200, 46.5390,
-11.9330

■ 241.8050, 30.2650,
-25.3750

■ 50.3460, 36.7720,
-5.6280

■ 247.8180, 20.2230,
-19.5930

■ 30.5330, 26.1800,
-0.8920

■ 251.1240, 10.9140,
-10.5740

■ 9.5680, 19.0720,
6.7840

■ 254.3160, 1.9260,

■ 0.0000, 0.0000,

-1.8660

0.0000

■ 147.3250, 58.4600,
-13.2200

■ 147.3250, 58.4600,
-13.2200

■ 140.4630, 66.7590,
-14.9450

■ 154.3010, 49.8400,
-11.1840

■ 133.4870, 75.3790,
-16.9810

■ 161.1630, 41.5410,
-9.4590

■ 126.6250, 83.6780,
-18.7060

■ 168.1390, 32.9210,
-7.4230

■ 125.8100, 84.5950,
-18.8050

■ 175.0010, 24.6220,
-5.6980

■ 181.9770, 16.0020,
-3.6620

■ 188.8390, 7.7030,
-1.9370

■ 195.8150, -0.9170,
0.0990

■ 202.6770, -9.2160,
1.8240

■ 209.6530,
-17.8360, 3.8600

Harmonies

Analogous

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



149.2090, 71.4310, 10.5270



147.3250, 58.4600, -13.2200



143.6430, 30.5410, -30.3790

Triad

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



147.3250, 58.4600, -13.2200



121.2730, -103.1080, -36.6760



154.9500, 4.5780, 38.1940

Complementary

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



147.3250, 58.4600, -13.2200



107.6750, -58.4600, 13.2200

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.



147.2080, -49.4750, 21.0930



147.3250, 58.4600, -13.2200



124.1860, -115.4440, -22.3560

Square

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



147.3250, 58.4600, -13.2200



115.3280, -87.7460, -50.7700



122.2260, -120.9480, -10.7080



153.2460, 44.7870, 41.8670

Rectangle

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



147.3250, 58.4600, -13.2200



140.0680, 4.1790, -37.2050



122.2260, -120.9480, -10.7080



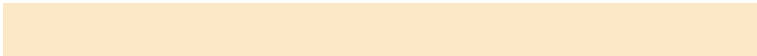
153.6320, -12.2020, 33.9260

Sweetspot

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



147.3250, 58.4600, -13.2200



233.6310, 22.7880, -5.5000



106.7490, 62.4840, 46.0360



116.1340, 14.1220, -2.6300



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.



147.3250, 58.4600, -13.2200



178.2790, 90.4640, -20.5440



176.3210, 36.7790, -44.3170



93.5120, 4.3100, -1.0180



103.9040, 69.8310, -15.5530



21.6070, 14.1680, -3.4640

Inverse Universe

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



107.6750, -58.4600, 13.2200



116.7210, -90.4640, 20.5440



78.6790, -36.7790, 44.3170



90.4880, -4.3100, 1.0180



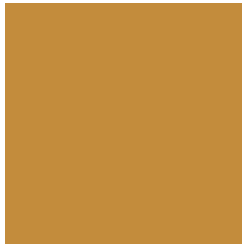
57.0960, -69.8310, 15.5530



11.9800, -14.4430, 2.9410

Previews

White Background



This preview shows how the YIQ color 147.3250, 58.4600, -13.2200 looks on a white background.

Color Contrast Check

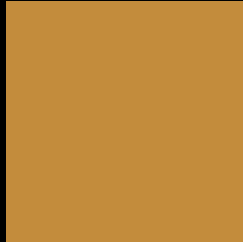
Large Text (above 18pt) WCAG AA × Fail

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 147.3250, 58.4600, -13.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

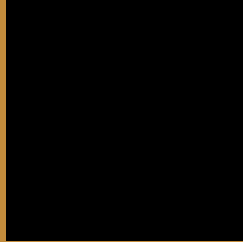
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 147.3250, 58.4600, -13.2200

Background



This preview shows how black text looks on a background with the YIQ color 147.3250, 58.4600, -13.2200.



This preview shows how white text looks on a background with the YIQ color 147.3250, 58.4600, -13.2200.

-13.2200.

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

147.3250, 58.4600, -13.2200

Protanopia

146.0510, 38.3800, -23.7640

Deuteranopia

146.8790, 53.7840, -16.5840



Tritanopia

153.0700, 38.5100, 17.9500

Trichromacy



Original Color

147.3250, 58.4600, -13.2200

Protanomaly

146.5790, 45.7610, -19.8630

Deuteranomaly

147.1890, 55.8470, -15.4250

Tritanomaly

150.9270, 45.8020, 6.9380

Monochromacy



Original Color

147.3250, 58.4600, -13.2200

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.6740, 21.2290, -4.7790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.3250, 58.4600, -13.2200 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(195, 140, 60)` looks like.

```
.text, #text, p{  
    color:rgb(195, 140, 60)  
}
```

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(195, 140, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 140, 60) }
```

Border

The CSS property to change the border of an element to YIQ 147.3250, 58.4600, -13.2200 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(195, 140, 60) }
```


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

```
.border{ border-color:rgb(195, 140, 60) }
```

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

Here you see how a box with a 4 pixel rgb(195, 140, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 140, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 140, 60);  
box-shadow:4px 4px 4px 4px rgb(195, 140,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 147.3250, 58.4600, -13.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 140, 60) }
```

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

```
.background{ background-color: rgb(195,  
140, 60) }
```

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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