

Converting Colors

YIQ(151.4430, 52.3160,
-12.0040)

Have a look what the booklet for
YIQ(151.4430, 52.3160, -12.0040)
contains.

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Color

**YIQ(151.4430, 52.3160,
-12.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	C29149
RGB	194, 145, 73
RGB Percent	76%, 57%, 29%
CMY	0.2391, 0.4314, 0.7135
CMYK	0.00, 0.25, 0.62, 0.24
HSL	36°, 50%, 52%
HSV	36°, 62%, 76%
XYZ	33.5799, 32.1981, 10.7600
YIQ	151.4430, 52.3160, -12.0040

Conversions

Conversions Part 2

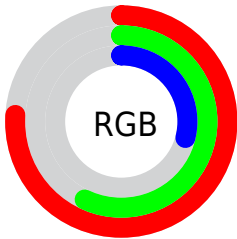
Format	Color
RYB	155, 194, 73
Decimal	12751177
CIELab	63.51, 10.77, 44.61
CIELCh	64, 45.895, 76.430
Yxy	32.1981, 0.4387, 0.4207
Android (android.graphics.Color)	4290941257 (0xFFC29149)
YUV	151.4430, -38.6724, 37.3225
Hunter-Lab	56.7434, 6.3327, 28.4775

Details

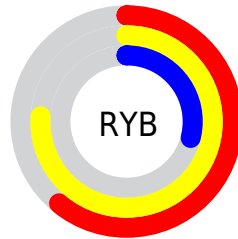
The YIQ color **151.4430, 52.3160, -12.0040** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **115.5570, -52.3160, 12.0040**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.5960, 56.2590, -11.8770**, and **99.3500, 48.1440, -13.4880** is the 20% darker color. If you saturate the color by 10%, you get **144.5810, 60.6150, -13.7290**, and if you desaturate by 10%, it is **158.3050, 44.0170, -10.2790**.

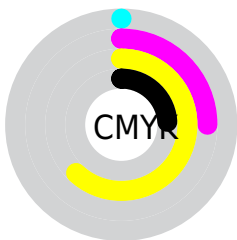
Distribution



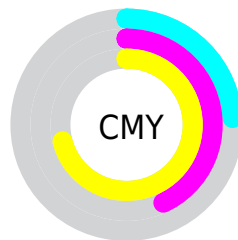
- Red (76%)
- Green (57%)
- Blue (29%)



- Red (61%)
- Yellow (76%)
- Blue (29%)



- Cyan (0%)
- Magenta (25%)
- Yellow (62%)
- Black (24%)



- Cyan (24%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.4430, 52.3160, -12.0040 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 151.4430, 52.3160, -12.0040 by changing the saturation by 10% instead.

■ 151.4430, 52.3160,
-12.0040

■ 151.4430, 52.3160,
-12.0040

■ 255.0000, -0.0000,
-0.0000

■ 124.6600, 50.2070,
-12.3290

■ 206.5960, 56.2590,
-11.8770

■ 99.3500, 48.1440,
-13.4880

■ 226.7080, 41.0840,
-17.7000

■ 74.2680, 45.4390,
-14.0250

■ 246.2220, 24.7170,
-23.9470

■ 53.5800, 35.9930,
-8.0310

■ 249.4140, 15.7290,
-15.2390

■ 33.1800, 25.6760,
-2.7720

■ 252.6060, 6.7410,
-6.5310

■ 11.9160, 17.9720,
4.6920

■ 0.0000, 0.0000,

0.0000

■ 151.4430, 52.3160,
-12.0040

■ 151.4430, 52.3160,
-12.0040

■ 144.5810, 60.6150,
-13.7290

■ 158.3050, 44.0170,
-10.2790

■ 137.6050, 69.2350,
-15.7650

■ 165.2810, 35.3970,
-8.2430

■ 130.7430, 77.5340,
-17.4900

■ 172.1430, 27.0980,
-6.5180

■ 125.5110, 83.9990,
-19.0170

■ 178.5320, 18.7530,
-3.9590

■ 185.3940, 10.4540,
-2.2340

■ 192.2560, 2.1550,
-0.5090

■ 199.2320, -6.4650,
1.5270

■ 206.0940,
-14.7640, 3.2520

■ 213.0700,
-23.3840, 5.2880

Harmonies

Analogous

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



153.3330, 65.1500, 8.7180



151.4430, 52.3160, -12.0040



148.1850, 26.1390, -27.6930

Triad

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



151.4430, 52.3160, -12.0040



122.7890, -104.6210, -36.7890



158.2120, 6.5960, 34.6600

Complementary

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



151.4430, 52.3160, -12.0040



115.5570, -52.3160, 12.0040

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.



152.4710, -40.0300, 20.6260



151.4430, 52.3160, -12.0040



125.1320, -115.3520, -24.0240

Square

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



151.4430, 52.3160, -12.0040



128.6730, -66.4280, -40.6360



122.2430, -119.6180, -12.7860



157.2300, 41.7160, 36.9480

Rectangle

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



151.4430, 52.3160, -12.0040



144.3330, 2.1150, -32.8370



122.2430, -119.6180, -12.7860



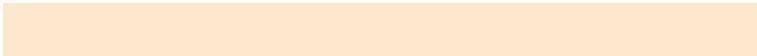
157.7910, -8.3960, 31.0280

Sweetspot

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



151.4430, 52.3160, -12.0040



235.3750, 20.6330, -4.9910



114.8790, 56.0660, 41.2020



117.5360, 12.9300, -3.0540



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.



151.4430, 52.3160, -12.0040



185.8420, 81.5690, -19.0310



177.2160, 32.8810, -39.7510



93.5120, 4.3100, -1.0180



104.4910, 69.5560, -16.0760



21.6070, 14.1680, -3.4640

Inverse Universe

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



115.5570, -52.3160, 12.0040



129.7450, -81.8440, 18.5080



89.7840, -32.8810, 39.7510



90.4880, -4.3100, 1.0180



56.5090, -69.5560, 16.0760



11.3930, -14.1680, 3.4640

Previews

White Background



This preview shows how the YIQ color 151.4430, 52.3160, -12.0040 looks on a white background.

Color Contrast Check

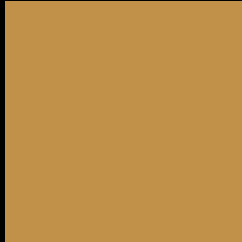
Large Text (above 18pt) WCAG AA × Fail

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 151.4430, 52.3160, -12.0040 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 151.4430, 52.3160, -12.0040

Background



This preview shows how black text looks on a background with the YIQ color 151.4430, 52.3160, -12.0040.



This preview shows how white text looks on a background with the YIQ color 151.4430, 52.3160, -12.0040.

-12.0040.

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

151.4430, 52.3160, -12.0040

Protanopia

149.8920, 34.5740, -20.8660

Deuteranopia

151.4210, 49.3820, -13.8980



Tritanopia

156.9770, 34.3380, 16.4660

Trichromacy



Original Color

151.4430, 52.3160, -12.0040

Protanomaly

150.7080, 41.0840, -17.7000

Deuteranomaly

151.1330, 50.2530, -13.1630

Tritanomaly

155.0620, 40.9880, 6.0760

Monochromacy



Original Color

151.4430, 52.3160, -12.0040

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.4180, 19.0740, -4.2700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.4430, 52.3160, -12.0040 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, 145, 73)` looks like.

```
.text, #text, p{  
    color:rgb(194, 145, 73)  
}
```

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, 145, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 145, 73) }
```

Border

The CSS property to change the border of an element to YIQ 151.4430, 52.3160, -12.0040 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, 145, 73) }
```


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

```
.border{ border-color:rgb(194, 145, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 145, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 145, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 145, 73);  
box-shadow:4px 4px 4px 4px rgb(194, 145,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 151.4430, 52.3160, -12.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 145, 73) }
```

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

```
.background{ background-color: rgb(194,  
145, 73) }
```

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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