

Converting Colors

YIQ(139.7700, 72.9040,
-21.6880)

Have a look what the booklet for
YIQ(139.7700, 72.9040, -21.6880)
contains.

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Color

**YIQ(139.7700, 72.9040,
-21.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	C48616
RGB	196, 134, 22
RGB Percent	77%, 53%, 9%
CMY	0.2313, 0.4746, 0.9133
CMYK	0.00, 0.32, 0.89, 0.23
HSL	39°, 80%, 43%
HSV	39°, 89%, 77%
XYZ	31.4373, 28.8396, 4.6736
YIQ	139.7700, 72.9040, -21.6880

Conversions

Conversions Part 2

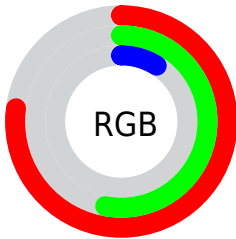
Format	Color
R_{YB}	118, 196, 22
Decimal	12879382
CIE _{Lab}	60.64, 15.44, 62.11
CIE _{LCh}	61, 64.002, 76.040
Yxy	28.8396, 0.4840, 0.4440
Android (android.graphics.Color)	4291069462 (0xFFC48616)
YUV	139.7700, -58.0606, 49.3137
Hunter-Lab	53.7025, 10.5139, 32.4319

Details

The YIQ color **139.7700, 72.9040, -21.6880** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **78.2300, -72.9040, 21.6880**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1340, 74.8750, -18.8610**, and **90.8580, 58.2770, -15.4110** is the 20% darker color. If you saturate the color by 10%, you get **133.3810, 81.2490, -24.2470**, and if you desaturate by 10%, it is **146.1590, 64.5590, -19.1290**.

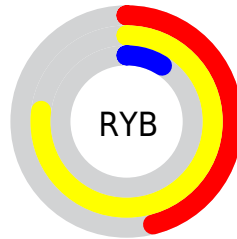
Distribution



Red (77%)

Green (53%)

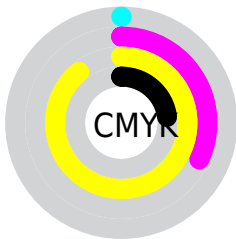
Blue (9%)



Red (46%)

Yellow (77%)

Blue (9%)

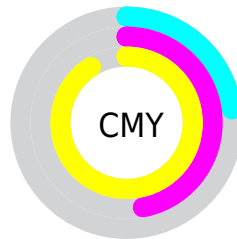


Cyan (0%)

Magenta (32%)

Yellow (89%)

Black (23%)



Cyan (23%)


Magenta (47%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.7700, 72.9040, -21.6880 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 139.7700, 72.9040, -21.6880 by changing the saturation by 10% instead.


 139.7700, 72.9040,
-21.6880


 139.7700, 72.9040,
-21.6880


255.0000, -0.0000,
-0.0000


 113.6170, 68.9610,
-21.8150


 195.1340, 74.8750,
-18.8610


 90.2710, 58.5520,
-14.8880


 214.6480, 58.5080,
-25.1080


 68.0990, 47.5930,
-9.0070


 234.1620, 42.1410,
-31.3550

 46.8130, 36.9550,
-3.4370

 244.2840, 30.1740,
-29.2340

 27.0000, 26.3630,
1.2990

 247.4760, 21.1860,
-20.5260

 8.9700, 17.8800,
6.3600

 250.7820, 11.8770,

 0.0000, 0.0000,

-11.5070

0.0000

254.0880, 2.5680,
-2.4880

139.7700, 72.9040,
-21.6880

139.7700, 72.9040,
-21.6880

133.3810, 81.2490,
-24.2470

146.1590, 64.5590,
-19.1290

132.5660, 82.1660,
-24.3460

152.4340, 56.5350,
-16.8810

158.8230, 48.1900,
-14.3220

165.2120, 39.8450,
-11.7630

171.4870, 31.8210,
-9.5150

■ 177.8760, 23.4760,
-6.9560

■ 184.1510, 15.4520,
-4.7080

■ 190.5400, 7.1070,
-2.1490

■ 196.9290, -1.2380,
0.4100

Harmonies

Analogous

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



141.4620, 86.8360, 12.1800



139.7700, 72.9040, -21.6880



135.1750, 40.1260, -44.4020

Triad

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



139.7700, 72.9040, -21.6880



121.6150, -104.0710, -35.7430



150.2420, 7.0520, 48.4280

Complementary

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



139.7700, 72.9040, -21.6880



78.2300, -72.9040, 21.6880

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.



139.3340, -67.2650, 24.1190



139.7700, 72.9040, -21.6880



125.6680, -119.6170, -18.3130

Square

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



139.7700, 72.9040, -21.6880



113.7150, -84.5820, -53.0460



122.9900, -125.8550, -4.3750



145.9800, 57.7600, 54.5600

Rectangle

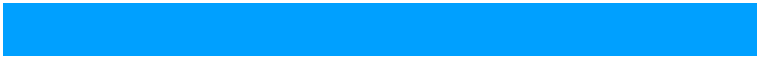
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



139.7700, 72.9040, -21.6880



131.3200, 2.9890, -48.6830



122.9900, -125.8550, -4.3750



149.5320, -14.4960, 42.4640

Sweetspot

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



139.7700, 72.9040, -21.6880



232.4590, 29.0240, -8.3840



81.3220, 83.1600, 56.7920



114.5210, 17.2860, -4.9060



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.



139.7700, 72.9040, -21.6880



172.5130, 106.8800, -31.7120



169.2870, 42.1460, -58.9900



93.5120, 4.3100, -1.0180



108.6000, 67.6310, -19.7370



22.1940, 13.8930, -3.9870

Inverse Universe

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



78.2300, -72.9040, 21.6880



82.4870, -106.8800, 31.7120



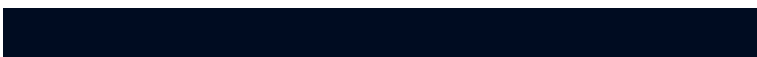
48.7130, -42.1460, 58.9900



90.4880, -4.3100, 1.0180



51.8130, -67.3560, 20.2600



10.8060, -13.8930, 3.9870

Previews

White Background



This preview shows how the YIQ color 139.7700, 72.9040, -21.6880 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 139.7700, 72.9040, -21.6880 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 139.7700, 72.9040, -21.6880

Background



This preview shows how black text looks on a background with the YIQ color 139.7700, 72.9040, -21.6880.



This preview shows how white text looks on a background with the YIQ color 139.7700, 72.9040, -21.6880.

-21.6880.

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

139.7700, 72.9040, -21.6880

Protanopia

138.5880, 49.5690, -33.8150

Deuteranopia

138.9600, 66.2570, -27.8790



Tritanopia

149.0490, 43.0030, 19.1230

Trichromacy



Original Color

139.7700, 72.9040, -21.6880

Protanomaly

138.8280, 57.8210, -29.1790

Deuteranomaly

139.0960, 68.8700, -25.6740

Tritanomaly

145.5380, 54.1470, 4.3790

Monochromacy



Original Color

139.7700, 72.9040, -21.6880

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9040, 26.2730, -8.0870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.7700, 72.9040, -21.6880 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(196, 134, 22)` looks like.

```
.text, #text, p{  
    color:rgb(196, 134, 22)  
}
```

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(196, 134, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 134, 22) }
```

Border

The CSS property to change the border of an element to YIQ 139.7700, 72.9040, -21.6880 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(196, 134, 22) }
```


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

```
.border{ border-color:rgb(196, 134, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 134, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 134, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 134, 22);  
box-shadow:4px 4px 4px 4px rgb(196, 134,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 139.7700, 72.9040, -21.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 134, 22) }
```

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

```
.background{ background-color: rgb(196,  
134, 22) }
```

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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