

Converting Colors

YIQ(128.3120, 104.0330,
-7.6390)

Have a look what the booklet for
YIQ(128.3120, 104.0330, -7.6390)
contains.

YIQ(128.3120, 104.0330, -7.6390)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(128.3120, 104.0330,
-7.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	DF6900
RGB	223, 105, 0
RGB Percent	87%, 41%, 0%
CMY	0.1253, 0.5884, 0.9995
CMYK	0.00, 0.53, 1.00, 0.13
HSL	28°, 100%, 44%
HSV	28°, 100%, 87%
XYZ	35.4955, 25.7900, 3.1108
YIQ	128.3120, 104.0330, -7.6390

Conversions

Conversions Part 2

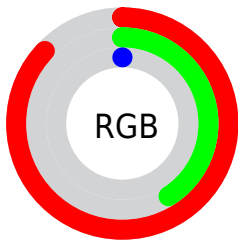
Format	Color
R_{YB}	223, 198, 0
Decimal	14641408
CIE _{Lab}	57.84, 41.80, 66.16
CIE _{LCh}	58, 78.263, 57.716
Yxy	25.7900, 0.5512, 0.4005
Android (android.graphics.Color)	4292831488 (0xFFDF6900)
YUV	128.3120, -63.2578, 83.0414
Hunter-Lab	50.7838, 35.8915, 31.9169

Details

The YIQ color **128.3120, 104.0330, -7.6390** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **94.6880, -104.0330, 7.6390**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6290, 87.0230, -7.7370**, and **79.5380, 80.5100, 5.6780** is the 20% darker color. If you saturate the color by 10%, you get **128.3120, 104.0330, -7.6390**, and if you desaturate by 10%, it is **137.8640, 93.6710, -7.0730**.

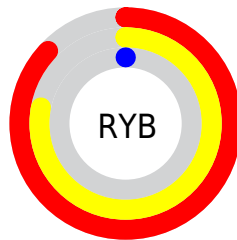
Distribution



Red (87%)

Green (41%)

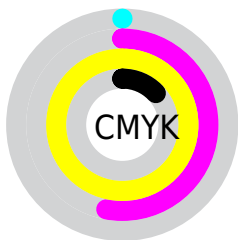
Blue (0%)



Red (87%)

Yellow (78%)

Blue (0%)

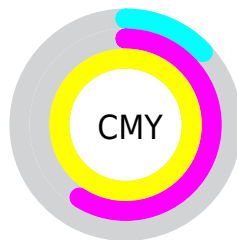


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (13%)



Cyan (13%)


Magenta (59%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.3120, 104.0330, -7.6390 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 128.3120, 104.0330, -7.6390 by changing the saturation by 10% instead.


 128.3120,
104.0330, -7.6390


 128.3120,
104.0330, -7.6390


255.0000, -0.0000,
-0.0000


 103.4820, 92.1110,
-0.8250


 176.6290, 87.0230,
-7.7370


 78.9510, 80.7850,
6.2010


 196.0290, 70.9770,
-14.2950


 54.4200, 69.4590,
13.2270


 215.5430, 54.6100,
-20.5420

 29.6010, 59.0040,
20.9880

 235.6440, 37.9680,
-27.3120

 20.9300, 41.7200,
14.8400

 245.8800, 25.6800,
-24.8800

 13.2700, 25.9030,
9.6390

 249.0720, 16.6920,

 0.0000, 0.0000,

-16.1720

0.0000

252.3780, 7.3830,
-7.1530

128.3120,
104.0330, -7.6390

137.8640, 93.6710,
-7.0730

147.5300, 82.9880,
-6.1960

156.4950, 72.9010,
-5.1070

166.0470, 62.5390,
-4.5410

175.7130, 51.8560,
-3.6640

■ 185.2650, 41.4940,
-3.0980

■ 194.8170, 31.1320,
-2.5320

■ 203.8960, 20.7240,
-1.1320

■ 213.4480, 10.3620,
-0.5660

Harmonies

Analogous

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



125.5690, 106.7290, 42.6410



128.3120, 104.0330, -7.6390



130.0860, 65.6620, -33.6180

Triad

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



128.3120, 104.0330, -7.6390



113.5500, -88.2510, -47.1230



137.1510, -44.1600, 40.4160

Complementary

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



128.3120, 104.0330, -7.6390



94.6880, -104.0330, 7.6390

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.



116.5330, -122.8300, 1.3780



128.3120, 104.0330, -7.6390



122.1170, -110.9960, -25.8760

Square

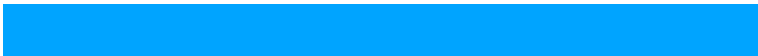
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



128.3120, 104.0330, -7.6390



102.9940, -64.0390, -67.4230



125.3380, -126.9550, -6.4670



138.7500, 35.5210, 66.6330

Rectangle

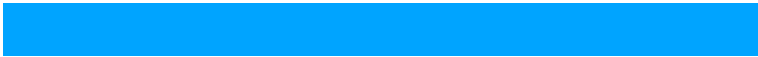
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



128.3120, 104.0330, -7.6390



125.7460, 36.7800, -49.8440



125.3380, -126.9550, -6.4670



122.0910, -88.6300, 20.3460

Sweetspot

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



128.3120, 104.0330, -7.6390



222.2690, 35.6710, -2.1930



80.2430, 94.7090, 84.2850



108.0810, 21.6410, -1.2310



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.



128.3120, 104.0330, -7.6390



146.6850, 118.9800, -8.7000



193.4690, 73.5080, -65.6920



107.2240, 5.1810, -0.2830



101.3450, 82.0710, -6.0970



27.8530, 22.2830, -1.8530

Inverse Universe

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



94.6880, -104.0330, 7.6390



108.3150, -118.9800, 8.7000



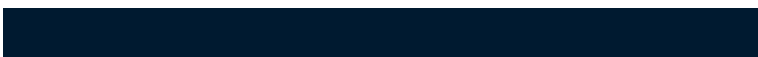
30.1180, -73.7830, 65.1690



105.7760, -5.1810, 0.2830



74.6550, -82.0710, 6.0970



20.7340, -22.5580, 1.3300

Previews

White Background



This preview shows how the YIQ color 128.3120, 104.0330, -7.6390 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 128.3120, 104.0330, -7.6390 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 128.3120, 104.0330, -7.6390

Background



This preview shows how black text looks on a background with the YIQ color 128.3120, 104.0330, -7.6390.



This preview shows how white text looks on a background with the YIQ color 128.3120, 104.0330, -7.6390.

-7.6390.

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

128.3120, 104.0330, -7.6390

Protanopia

131.4030, 48.6520, -33.7160

Deuteranopia

130.1080, 68.5960, -31.7240



Tritanopia

136.9560, 74.3620, 29.0020

Trichromacy



Original Color

128.3120, 104.0330, -7.6390

Protanomaly

130.1500, 68.7780, -24.0060

Deuteranomaly

129.3210, 81.4780, -22.8900

Tritanomaly

134.0860, 85.1390, 15.4030

Monochromacy



Original Color

128.3120, 104.0330, -7.6390

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.5250, 37.8260, -2.7020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.3120, 104.0330, -7.6390 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(223, 105, 0)` looks like.

```
.text, #text, p{  
    color:rgb(223, 105, 0)  
}
```

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(223, 105, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 105, 0) }
```

Border

The CSS property to change the border of an element to YIQ 128.3120, 104.0330, -7.6390 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(223, 105, 0) }
```


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

```
.border{ border-color:rgb(223, 105, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 105, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 105, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 105, 0);  
box-shadow:4px 4px 4px 4px rgb(223, 105,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 128.3120, 104.0330, -7.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 105, 0) }
```

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

```
.background{ background-color: rgb(223,  
105, 0) }
```

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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