

Converting Colors

YIQ(124.7790, 104.2160,
-5.4480)

Have a look what the booklet for
YIQ(124.7790, 104.2160, -5.4480)
contains.

YIQ(124.7790, 104.2160, -5.4480)	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(124.7790, 104.2160,
-5.4480)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6400
RGB	221, 100, 0
RGB Percent	87%, 39%, 0%
CMY	0.1331, 0.6080, 0.9995
CMYK	0.00, 0.55, 1.00, 0.13
HSL	27°, 100%, 43%
HSV	27°, 100%, 87%
XYZ	34.3893, 24.4860, 2.9174
YIQ	124.7790, 104.2160, -5.4480

Conversions

Conversions Part 2

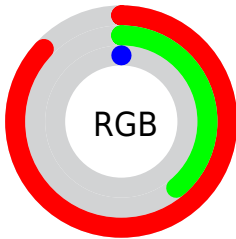
Format	Color
R _Y B	221, 183, 0
Decimal	14509056
CIE Lab	56.57, 43.48, 65.28
CIE LCh	57, 78.431, 56.333
Yxy	24.4860, 0.5565, 0.3963
Android (android.graphics.Color)	4292699136 (0xFFDD6400)
YUV	124.7790, -61.5160, 84.3858
Hunter-Lab	49.4833, 37.4558, 31.1428

Details

The YIQ color **124.7790, 104.2160, -5.4480** 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 **96.2210, -104.2160, 5.4480**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5800, 88.7190, -5.4330**, and **75.4180, 80.9680, 8.3920** is the 20% darker color. If you saturate the color by 10%, you get **124.7790, 104.2160, -5.4480**, and if you desaturate by 10%, it is **134.3310, 93.8540, -4.8820**.

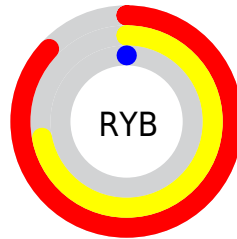
Distribution



Red (87%)

Green (39%)

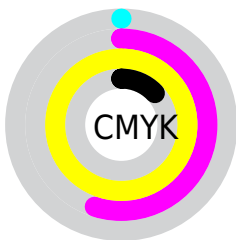
Blue (0%)



Red (87%)

Yellow (72%)

Blue (0%)

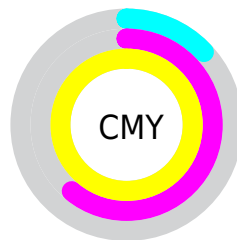


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7790, 104.2160, -5.4480 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 124.7790, 104.2160, -5.4480 by changing the saturation by 10% instead.

124.7790,
104.2160, -5.4480

124.7790,
104.2160, -5.4480

255.0000, -0.0000,
-0.0000

99.9490, 92.2940,
1.3660

173.5800, 88.7190,
-5.4330

75.4180, 80.9680,
8.3920

192.9800, 72.6730,
-11.9910

49.1260, 70.4670,
16.9870

212.4940, 56.3060,
-18.2380

29.0030, 57.8120,
20.5640

232.5950, 39.6640,
-25.0080

20.3320, 40.5280,
14.4160

245.6520, 26.3220,
-25.5020

12.6720, 24.7110,
9.2150

248.9580, 17.0130,

0.0000, 0.0000,

-16.4830

0.0000

■ 252.1500, 8.0250,
-7.7750

■ 124.7790,
104.2160, -5.4480

■ 134.3310, 93.8540,
-4.8820

■ 143.8830, 83.4920,
-4.3160

■ 153.4350, 73.1300,
-3.7500

■ 163.1010, 62.4470,
-2.8730

■ 173.2400, 51.8100,
-2.8300

■ 182.7920, 41.4480,
-2.2640

■ 192.3440, 31.0860,
-1.6980

■ 201.8960, 20.7240,
-1.1320

■ 211.4480, 10.3620,
-0.5660

Harmonies

Analogous

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



120.8510, 105.9950, 44.9310



124.7790, 104.2160, -5.4480



127.4390, 66.1660, -31.7380

Triad

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



124.7790, 104.2160, -5.4480



111.1050, -85.5000, -47.4200



132.6880, -50.1660, 39.1300

Complementary

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



124.7790, 104.2160, -5.4480



96.2210, -104.2160, 5.4480

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.



115.3590, -122.2800, 2.4240



124.7790, 104.2160, -5.4480



119.0850, -107.9700, -25.6500

Square

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



124.7790, 104.2160, -5.4480



99.8480, -60.6920, -67.5080



122.8930, -124.2040, -6.7640



135.7820, 32.4950, 66.4070

Rectangle

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



124.7790, 104.2160, -5.4480



123.0990, 37.2840, -47.9640



122.8930, -124.2040, -6.7640



108.6580, -112.5160, 12.7000

Sweetspot

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



124.7790, 104.2160, -5.4480



221.6820, 35.9460, -1.6700



79.9870, 92.5540, 84.7940



107.4940, 21.9160, -0.7080



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.



124.7790, 104.2160, -5.4480



143.7500, 120.3550, -6.0850



189.3490, 73.9660, -62.9780



105.2240, 5.1810, -0.2830



97.5130, 81.6580, -4.1180



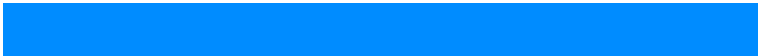
26.0810, 21.6410, -1.2310

Inverse Universe

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



96.2210, -104.2160, 5.4480



111.2500, -120.3550, 6.0850



31.6510, -73.9660, 62.9780



103.7760, -5.1810, 0.2830



75.4870, -81.6580, 4.1180



19.9190, -21.6410, 1.2310

Previews

White Background



This preview shows how the YIQ color 124.7790, 104.2160, -5.4480 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 124.7790, 104.2160, -5.4480 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 124.7790, 104.2160, -5.4480

Background



This preview shows how black text looks on a background with the YIQ color 124.7790, 104.2160, -5.4480.



This preview shows how white text looks on a background with the YIQ color 124.7790, 104.2160, -5.4480.

-5.4480.

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

124.7790, 104.2160, -5.4480

Protanopia

128.7450, 47.6890, -32.7830

Deuteranopia

127.1510, 67.0370, -31.0030



Tritanopia

132.8530, 76.1500, 29.6380

Trichromacy



Original Color

124.7790, 104.2160, -5.4480

Protanomaly

127.4920, 67.8150, -23.0730

Deuteranomaly

126.0760, 80.7900, -21.4340

Tritanomaly

130.2110, 86.2850, 16.6610

Monochromacy



Original Color

124.7790, 104.2160, -5.4480

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0520, 37.7800, -1.8680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7790, 104.2160, -5.4480 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(221, 100, 0)` looks like.

```
.text, #text, p{  
    color:rgb(221, 100, 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(221, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 100, 0) }
```

Border

The CSS property to change the border of an element to YIQ 124.7790, 104.2160, -5.4480 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(221, 100, 0) }
```


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

```
.border{ border-color:rgb(221, 100, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 100, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(221, 100,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7790, 104.2160, -5.4480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 100, 0) }
```

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

```
.background{ background-color: rgb(221,  
100, 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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