

Converting Colors

YIQ(121.2150, 71.2940, 7.5020)

Have a look what the booklet for
YIQ(121.2150, 71.2940, 7.5020)
contains.

YIQ(121.2150, 71.2940, 7.5020)	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(121.2150, 71.2940,
7.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	C26137
RGB	194, 97, 55
RGB Percent	76%, 38%, 22%
CMY	0.2390, 0.6197, 0.7840
CMYK	0.00, 0.50, 0.72, 0.24
HSL	18°, 56%, 49%
HSV	18°, 72%, 76%
XYZ	27.2240, 20.2947, 6.1070
YIQ	121.2150, 71.2940, 7.5020

Conversions

Conversions Part 2

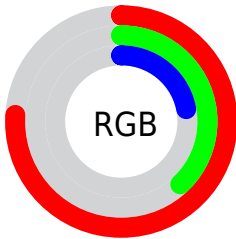
Format	Color
RYB	194, 115, 55
Decimal	12738871
CIELab	52.17, 35.76, 40.98
CIELCh	52, 54.385, 48.889
Yxy	20.2947, 0.5077, 0.3785
Android (android.graphics.Color)	4290928951 (0xFFC26137)
YUV	121.2150, -32.6440, 63.8324
Hunter-Lab	45.0496, 29.0326, 23.4973

Details

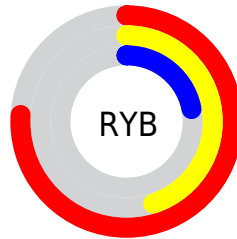
The YIQ color **121.2150, 71.2940, 7.5020** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **127.7850, -71.2940, -7.5020**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5640, 77.6210, 8.4770**, and **68.4530, 64.6920, 6.0040** is the 20% darker color. If you saturate the color by 10%, you get **110.8310, 81.2430, 8.9150**, and if you desaturate by 10%, it is **131.5990, 61.3450, 6.0890**.

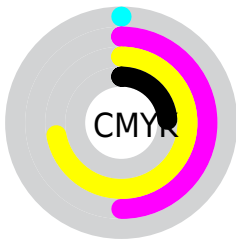
Distribution



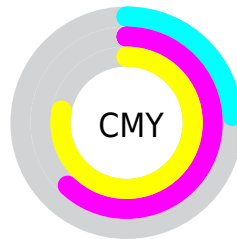
- Red (76%)
- Green (38%)
- Blue (22%)



- Red (76%)
- Yellow (45%)
- Blue (22%)



- Cyan (0%)
- Magenta (50%)
- Yellow (72%)
- Black (24%)



- Cyan (24%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.2150, 71.2940, 7.5020 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 121.2150, 71.2940, 7.5020 by changing the saturation by 10% instead.

121.2150, 71.2940,
7.5020

121.2150, 71.2940,
7.5020

255.0000, -0.0000,
-0.0000

94.9480, 67.6720,
7.0640

175.5640, 77.6210,
8.4770

68.4530, 64.6920,
6.0040

194.2630, 62.1710,
2.1310

44.0210, 57.4010,
11.4890

213.7770, 45.8040,
-4.1160

23.0230, 45.8920,
16.3240

233.8780, 29.1620,
-10.8860

15.2490, 30.3960,
10.8120

249.9840, 14.1240,
-13.6840

1.4950, 2.9800,
1.0600

253.1760, 5.1360,

0.0000, 0.0000,

-4.9760

0.0000

■ 121.2150, 71.2940,
7.5020

■ 121.2150, 71.2940,
7.5020

■ 110.8310, 81.2430,
8.9150

■ 131.5990, 61.3450,
6.0890

■ 100.9200, 91.2380,
9.4940

■ 141.5100, 51.3500,
5.5100

■ 92.0520, 99.6740,
10.7940

■ 151.8940, 41.4010,
4.0970

■ 161.8050, 31.4060,
3.5180

■ 172.1890, 21.4570,
2.1050

■ 182.1000, 11.4620,
1.5260

■ 192.4840, 1.5130,
0.1130

■ 202.2810, -8.1610,
-0.7770

■ 212.7790,
-18.4310, -1.8790

Harmonies

Analogous

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



121.0960, 71.1520, 32.1120



121.2150, 71.2940, 7.5020



119.4510, 57.8650, -18.9590

Triad

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



121.2150, 71.2940, 7.5020



97.0850, -73.5800, -43.1800



121.3440, -46.8620, 23.2980

Complementary

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



121.2150, 71.2940, 7.5020



127.7850, -71.2940, -7.5020

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.



103.8690, -106.4610, -3.4290



121.2150, 71.2940, 7.5020



103.7310, -89.5380, -29.2980

Square

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



121.2150, 71.2940, 7.5020



108.3300, -20.1660, -42.0380



106.0570, -101.5990, -14.4550



128.0540, 10.2170, 40.6250

Rectangle

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



121.2150, 71.2940, 7.5020



116.8520, 40.0780, -32.5140



106.0570, -101.5990, -14.4550



111.8670, -76.6160, 11.8640

Sweetspot

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



121.2150, 71.2940, 7.5020



224.2390, 27.1880, 2.8680



107.6190, 51.7070, 59.6350



110.8510, 16.5970, 2.0770



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.



121.2150, 71.2940, 7.5020



138.6250, 111.1820, 11.4860



161.7180, 52.3190, -28.5850



91.7510, 5.1350, 0.5510



76.3150, 82.7560, 9.0280



15.7370, 16.9180, 1.7660

Inverse Universe

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



127.7850, -71.2940, -7.5020



148.9620, -111.4570, -12.0090



87.2820, -52.3190, 28.5850



92.2490, -5.1350, -0.5510



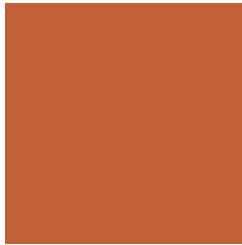
84.0980, -82.4810, -8.5050



17.2630, -16.9180, -1.7660

Previews

White Background



This preview shows how the YIQ color 121.2150, 71.2940, 7.5020 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 121.2150, 71.2940, 7.5020 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 121.2150, 71.2940, 7.5020

Background



This preview shows how black text looks on a background with the YIQ color 121.2150, 71.2940, 7.5020.



This preview shows how white text looks on a background with the YIQ color 121.2150, 71.2940,

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

121.2150, 71.2940, 7.5020

Protanopia

121.9330, 27.3290, -16.2150

Deuteranopia

121.8980, 43.6050, -13.8270



Tritanopia

123.7800, 60.0580, 23.9140

Trichromacy



Original Color

121.2150, 71.2940, 7.5020

Protanomaly

121.7010, 42.9620, -7.6780

Deuteranomaly

121.6160, 53.5070, -6.0530

Tritanomaly

122.8310, 64.0480, 17.6800

Monochromacy



Original Color

121.2150, 71.2940, 7.5020

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0540, 26.2710, 2.9670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.2150, 71.2940, 7.5020 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, 97, 55)` looks like.

```
.text, #text, p{  
    color:rgb(194, 97, 55)  
}
```

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, 97, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 97, 55) }
```

Border

The CSS property to change the border of an element to YIQ 121.2150, 71.2940, 7.5020 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, 97, 55) }
```


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

```
.border{ border-color:rgb(194, 97, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 97, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 97, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 97, 55);  
box-shadow:4px 4px 4px 4px rgb(194, 97,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 121.2150, 71.2940, 7.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 97, 55) }
```

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

```
.background{ background-color: rgb(194, 97,  
55) }
```

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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