

Converting Colors

YIQ(151.5920, 79.2770,
-21.5470)

Have a look what the booklet for
YIQ(151.5920, 79.2770, -21.5470)
contains.

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Color

**YIQ(151.5920, 79.2770,
-21.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	D6901B
RGB	214, 144, 27
RGB Percent	84%, 56%, 11%
CMY	0.1607, 0.4354, 0.8937
CMYK	0.00, 0.33, 0.87, 0.16
HSL	38°, 78%, 47%
HSV	38°, 87%, 84%
XYZ	37.9063, 34.3169, 5.6691
YIQ	151.5920, 79.2770, -21.5470

Conversions

Conversions Part 2

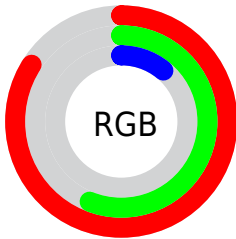
Format	Color
RYB	139, 214, 27
Decimal	14061595
CIELab	65.21, 17.98, 65.34
CIELCh	65, 67.770, 74.613
Yxy	34.3169, 0.4867, 0.4406
Android (android.graphics.Color)	4292251675 (0xFFD6901B)
YUV	151.5920, -61.4239, 54.7318
Hunter-Lab	58.5806, 12.9877, 35.2686

Details

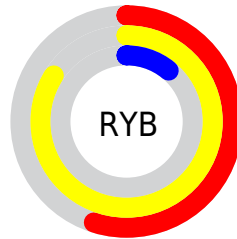
The YIQ color **151.5920, 79.2770, -21.5470** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **89.4080, -79.2770, 21.5470**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.1610, 70.2450, -23.0590**, and **101.2240, 65.9340, -16.5140** is the 20% darker color. If you saturate the color by 10%, you get **144.5020, 88.2180, -23.8940**, and if you desaturate by 10%, it is **158.7960, 70.0150, -18.8890**.

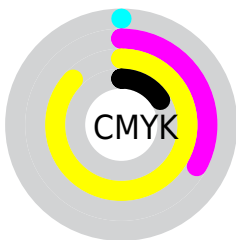
Distribution



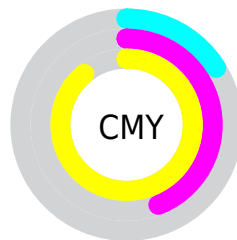
- Red (84%)
- Green (56%)
- Blue (11%)



- Red (55%)
- Yellow (84%)
- Blue (11%)



- Cyan (0%)
- Magenta (33%)
- Yellow (87%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.5920, 79.2770, -21.5470 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 151.5920, 79.2770, -21.5470 by changing the saturation by 10% instead.

151.5920, 79.2770,
-21.5470

151.5920, 79.2770,
-21.5470

255.0000, -0.0000,
-0.0000

124.2820, 77.2140,
-22.7060

202.1610, 70.2450,
-23.0590

101.2240, 65.9340,
-16.5140

221.6750, 53.8780,
-29.3060

78.1660, 54.6540,
-10.3220

241.3030, 37.1900,
-35.2420

55.9940, 43.6950,
-4.4410

244.9680, 28.2480,
-27.3680

35.5940, 33.3780,
0.8180

248.2740, 18.9390,
-18.3490

14.9060, 23.9320,
6.8120

251.4660, 9.9510,

0.0000, 0.0000,

-9.6410

0.0000

254.8860, 0.3210,
-0.3110

■ 151.5920, 79.2770,
-21.5470

■ 151.5920, 79.2770,
-21.5470

■ 144.5020, 88.2180,
-23.8940

■ 158.7960, 70.0150,
-18.8890

■ 142.6440, 90.6940,
-24.7140

■ 165.8860, 61.0740,
-16.5420

■ 172.9760, 52.1330,
-14.1950

■ 180.1800, 42.8710,
-11.5370

■ 187.2700, 33.9300,
-9.1900

■ 194.4740, 24.6680,
-6.5320

■ 201.5640, 15.7270,
-4.1850

■ 208.6540, 6.7860,
-1.8380

■ 215.8580, -2.4760,
0.8200

Harmonies

Analogous

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



153.1640, 93.6670, 15.0350



151.5920, 79.2770, -21.5470



146.8180, 45.4450, -47.1870

Triad

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



151.5920, 79.2770, -21.5470



131.0870, -111.4520, -39.6440



163.1540, 4.4840, 50.9160

Complementary

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



151.5920, 79.2770, -21.5470



89.4080, -79.2770, 21.5470

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.



146.9650, -70.8400, 17.3200



151.5920, 79.2770, -21.5470



135.5960, -128.2820, -20.9700

Square

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



151.5920, 79.2770, -21.5470



122.7310, -90.6790, -58.1910



131.2080, -129.7050, -11.6970



158.2840, 59.9600, 58.7440

Rectangle

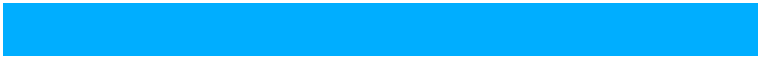
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



151.5920, 79.2770, -21.5470



142.4790, 6.7950, -51.5810



131.2080, -129.7050, -11.6970



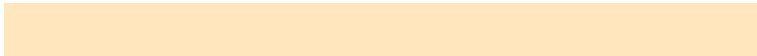
161.2050, -17.8890, 43.3830

Sweetspot

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



151.5920, 79.2770, -21.5470



232.8010, 28.0610, -7.4510



91.1210, 88.3400, 62.0360



114.6350, 16.9650, -4.5950



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.



151.5920, 79.2770, -21.5470



169.5780, 108.2550, -29.0970



186.1040, 46.9150, -62.8210



103.3980, 4.6310, -1.3290



113.9380, 72.4910, -19.7090



28.7060, 18.2030, -5.0050

Inverse Universe

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



89.4080, -79.2770, 21.5470



85.4220, -108.2550, 29.0970



54.8960, -46.9150, 62.8210



99.6020, -4.6310, 1.3290



57.0620, -72.4910, 19.7090



14.2940, -18.2030, 5.0050

Previews

White Background



This preview shows how the YIQ color 151.5920, 79.2770, -21.5470 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 151.5920, 79.2770, -21.5470 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 151.5920, 79.2770, -21.5470

Background



This preview shows how black text looks on a background with the YIQ color 151.5920, 79.2770, -21.5470.



This preview shows how white text looks on a background with the YIQ color 151.5920, 79.2770, -21.5470.

-21.5470.

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

151.5920, 79.2770, -21.5470

Protanopia

150.3880, 53.0080, -35.5680

Deuteranopia

150.3580, 70.8880, -29.2080



Tritanopia

160.8540, 48.0460, 21.3420

Trichromacy



Original Color

151.5920, 79.2770, -21.5470

Protanomaly

151.2260, 62.4520, -30.5080

Deuteranomaly

150.9070, 73.7760, -26.4800

Tritanomaly

157.7020, 59.5570, 5.4530

Monochromacy



Original Color

151.5920, 79.2770, -21.5470

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.9860, 28.9780, -7.5500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.5920, 79.2770, -21.5470 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(214, 144, 27)` looks like.

```
.text, #text, p{  
    color:rgb(214, 144, 27)  
}
```

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(214, 144, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 144, 27) }
```

Border

The CSS property to change the border of an element to YIQ 151.5920, 79.2770, -21.5470 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(214, 144, 27) }
```


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

```
.border{ border-color:rgb(214, 144, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 144, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 144, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 144, 27);  
box-shadow:4px 4px 4px 4px rgb(214, 144,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 151.5920, 79.2770, -21.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 144, 27) }
```

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

```
.background{ background-color: rgb(214,  
144, 27) }
```

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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