

Converting Colors

YIQ(152.6520, 79.0480,
-22.9040)

Have a look what the booklet for
YIQ(152.6520, 79.0480, -22.9040)
contains.

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Color

**YIQ(152.6520, 79.0480,
-22.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	D6921A
RGB	214, 146, 26
RGB Percent	84%, 57%, 10%
CMY	0.1607, 0.4275, 0.8976
CMYK	0.00, 0.32, 0.88, 0.16
HSL	38°, 78%, 47%
HSV	38°, 88%, 84%
XYZ	38.2001, 34.9234, 5.7109
YIQ	152.6520, 79.0480, -22.9040

Conversions

Conversions Part 2

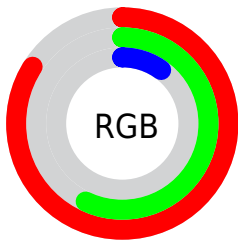
Format	Color
R_{YB}	133, 214, 26
Decimal	14062106
CIE _{Lab}	65.69, 16.88, 65.98
CIE _{LCh}	66, 68.103, 75.649
Yxy	34.9234, 0.4846, 0.4430
Android (android.graphics.Color)	4292252186 (0xFFD6921A)
YUV	152.6520, -62.4394, 53.8022
Hunter-Lab	59.0960, 11.9657, 35.6376

Details

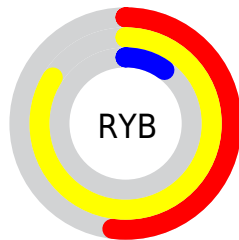
The YIQ color **152.6520, 79.0480, -22.9040** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **87.3480, -79.0480, 22.9040**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.3350, 69.6950, -24.1050**, and **102.3980, 65.3840, -17.5600** is the 20% darker color. If you saturate the color by 10%, you get **145.5620, 87.9890, -25.2510**, and if you desaturate by 10%, it is **159.8560, 69.7860, -20.2460**.

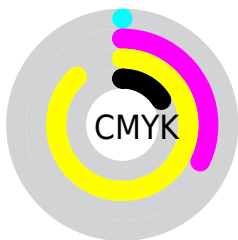
Distribution



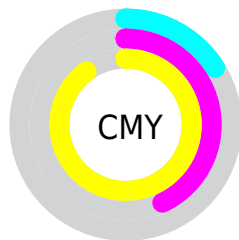
- Red (84%)
- Green (57%)
- Blue (10%)



- Red (52%)
- Yellow (84%)
- Blue (10%)



- Cyan (0%)
- Magenta (32%)
- Yellow (88%)
- Black (16%)





- Cyan (16%)
- Magenta (43%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.6520, 79.0480, -22.9040 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 152.6520, 79.0480, -22.9040 by changing the saturation by 10% instead.


 152.6520, 79.0480,
-22.9040


 152.6520, 79.0480,
-22.9040


255.0000, -0.0000,
-0.0000

 125.4560, 76.6640,
-23.7520


 203.3350, 69.6950,
-24.1050


 102.3980, 65.3840,
-17.5600


 222.8490, 53.3280,
-30.3520


 79.3400, 54.1040,
-11.3680


 241.7760, 37.2360,
-36.0760

 57.4670, 43.7410,
-5.2750

 244.9680, 28.2480,
-27.3680

 36.7680, 32.8280,
-0.2280

 248.1600, 19.2600,
-18.6600

 16.0800, 23.3820,
5.7660

 251.4660, 9.9510,

 0.0000, 0.0000,

-9.6410

0.0000

254.8860, 0.3210,
-0.3110

■ 152.6520, 79.0480,
-22.9040

■ 152.6520, 79.0480,
-22.9040

■ 145.5620, 87.9890,
-25.2510

■ 159.8560, 69.7860,
-20.2460

■ 144.4050, 89.8690,
-26.2830

■ 166.3590, 61.1200,
-17.3760

■ 173.4490, 52.1790,
-15.0290

■ 180.6530, 42.9170,
-12.3710

■ 187.7430, 33.9760,
-10.0240

■ 194.3600, 24.9890,
-6.8430

■ 201.4500, 16.0480,
-4.4960

■ 208.5400, 7.1070,
-2.1490

■ 215.7440, -2.1550,
0.5090

Harmonies

Analogous

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



154.5230, 94.0340, 13.8900



152.6520, 79.0480, -22.9040



147.3340, 43.9320, -47.3000

Triad

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



152.6520, 79.0480, -22.9040



132.1300, -113.0110, -38.9230



164.4640, 6.5470, 52.0750

Complementary

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



152.6520, 79.0480, -22.9040



87.3480, -79.0480, 22.9040

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.



149.6450, -66.9430, 18.2810



152.6520, 79.0480, -22.9040



136.6390, -129.8410, -20.2490

Square

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



152.6520, 79.0480, -22.9040



123.6600, -91.9170, -57.7810



131.7950, -129.9800, -12.2200



159.1810, 61.7480, 59.3800

Rectangle

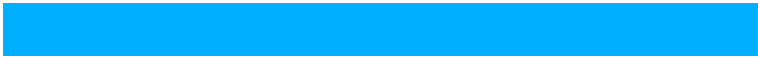
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



152.6520, 79.0480, -22.9040



143.3970, 4.0900, -52.1180



131.7950, -129.9800, -12.2200



162.7000, -14.9090, 44.4430

Sweetspot

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



152.6520, 79.0480, -22.9040



233.3880, 27.7860, -7.9740



90.0780, 89.8990, 61.3150



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.



152.6520, 79.0480, -22.9040



171.9260, 107.1550, -31.1890



185.0930, 45.4480, -63.7680



103.3980, 4.6310, -1.3290



115.1120, 71.9410, -20.7550



29.2930, 17.9280, -5.5280

Inverse Universe

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



87.3480, -79.0480, 22.9040



83.0740, -107.1550, 31.1890



54.9070, -45.4480, 63.7680



99.6020, -4.6310, 1.3290



55.8880, -71.9410, 20.7550



14.2940, -18.2030, 5.0050

Previews

White Background



This preview shows how the YIQ color 152.6520, 79.0480, -22.9040 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 152.6520, 79.0480, -22.9040 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 152.6520, 79.0480, -22.9040

Background



This preview shows how black text looks on a background with the YIQ color 152.6520, 79.0480, -22.9040.



This preview shows how white text looks on a background with the YIQ color 152.6520, 79.0480, -22.9040.

-22.9040.

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

152.6520, 79.0480, -22.9040

Protanopia

151.1600, 53.6500, -36.1900

Deuteranopia

152.1300, 71.5300, -29.8300



Tritanopia

162.2560, 46.8540, 20.9180

Trichromacy



Original Color

152.6520, 79.0480, -22.9040

Protanomaly

151.6990, 62.4980, -31.3420

Deuteranomaly

152.2660, 74.1430, -27.6250

Tritanomaly

158.9900, 58.6860, 4.7180

Monochromacy



Original Color

152.6520, 79.0480, -22.9040

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.5730, 28.7030, -8.0730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.6520, 79.0480, -22.9040 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, 146, 26)` looks like.

```
.text, #text, p{  
    color:rgb(214, 146, 26)  
}
```

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, 146, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 146, 26) }
```

Border

The CSS property to change the border of an element to YIQ 152.6520, 79.0480, -22.9040 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, 146, 26) }
```


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

```
.border{ border-color:rgb(214, 146, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 146, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 146, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 146, 26);  
box-shadow:4px 4px 4px 4px rgb(214, 146,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 152.6520, 79.0480, -22.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 146, 26) }
```

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

```
.background{ background-color: rgb(214,  
146, 26) }
```

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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