

Converting Colors

YIQ(152.9050, 68.0900,
-22.5500)

Have a look what the booklet for
YIQ(152.9050, 68.0900, -22.5500)
contains.

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Color

**YIQ(152.9050, 68.0900,
-22.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9527
RGB	204, 149, 39
RGB Percent	80%, 58%, 15%
CMY	0.1999, 0.4158, 0.8467
CMYK	0.00, 0.27, 0.81, 0.20
HSL	40°, 68%, 48%
HSV	40°, 81%, 80%
XYZ	36.0177, 34.4742, 6.6832
YIQ	152.9050, 68.0900, -22.5500

Conversions

Conversions Part 2

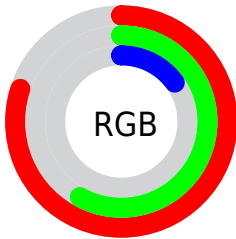
Format	Color
RYB	122, 204, 39
Decimal	13407527
CIELab	65.34, 11.23, 61.34
CIELCh	65, 62.363, 79.625
Yxy	34.4742, 0.4667, 0.4467
Android (android.graphics.Color)	4291597607 (0xFFCC9527)
YUV	152.9050, -56.1552, 44.8103
Hunter-Lab	58.7147, 6.7474, 34.3516

Details

The YIQ color **152.9050, 68.0900, -22.5500** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **90.0950, -68.0900, 22.5500**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **206.1220, 65.9810, -22.8750**, and **101.4680, 59.1950, -21.0370** is the 20% darker color. If you saturate the color by 10%, you get **146.5160, 76.4350, -25.1090**, and if you desaturate by 10%, it is **159.2940, 59.7450, -19.9910**.

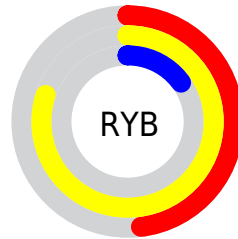
Distribution



Red (80%)

Green (58%)

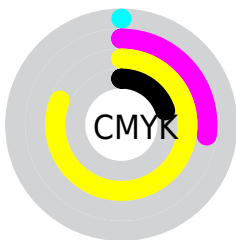
Blue (15%)



Red (48%)

Yellow (80%)

Blue (15%)

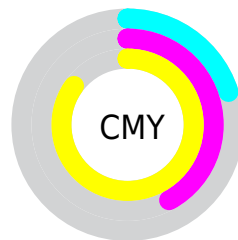


Cyan (0%)

Magenta (27%)

Yellow (81%)

Black (20%)



Cyan (20%)

Magenta (42%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.9050, 68.0900, -22.5500 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 152.9050, 68.0900, -22.5500 by changing the saturation by 10% instead.

■ 152.9050, 68.0900,
-22.5500

■ 152.9050, 68.0900,
-22.5500

■ 255.0000, -0.0000,
-0.0000

■ 124.2270, 69.8790,
-27.4410

■ 206.1220, 65.9810,
-22.8750

■ 101.4680, 59.1950,
-21.0370

■ 225.6360, 49.6140,
-29.1220

■ 79.0080, 49.1070,
-14.4210

■ 242.8020, 34.3470,
-33.2770

■ 56.8360, 38.1480,
-8.5400

■ 245.9940, 25.3590,
-24.5690

■ 36.4360, 27.8310,
-3.2810

■ 249.1860, 16.3710,
-15.8610

■ 16.6340, 18.7060,
2.4020

■ 252.4920, 7.0620,

■ 0.0000, 0.0000,

-6.8420

0.0000

■ 152.9050, 68.0900,
-22.5500

■ 152.9050, 68.0900,
-22.5500

■ 146.5160, 76.4350,
-25.1090

■ 159.2940, 59.7450,
-19.9910

■ 140.8280, 84.1840,
-27.8800

■ 165.7970, 51.0790,
-17.1210

■ 171.5990, 43.0090,
-14.0390

■ 178.1020, 34.3430,
-11.1690

■ 184.4910, 25.9980,
-8.6100

■ 190.9940, 17.3320,
-5.7400

■ 197.3830, 8.9870,
-3.1810

■ 203.1850, 0.9170,
-0.0990

■ 209.6880, -7.7490,
2.7710

Harmonies

Analogous

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



155.4570, 85.2320, 8.2080



152.9050, 68.0900, -22.5500



148.2650, 31.1850, -42.0550

Triad

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



152.9050, 68.0900, -22.5500



130.8250, -113.4700, -36.1100



163.4770, 13.7000, 49.0920

Complementary

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



152.9050, 68.0900, -22.5500



90.0950, -68.0900, 22.5500

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.



155.0710, -50.3470, 25.8850



152.9050, 68.0900, -22.5500



133.9490, -127.7780, -19.0900

Square

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



152.9050, 68.0900, -22.5500



123.6260, -94.5770, -53.6250



129.4470, -128.8800, -10.1280



158.6660, 61.5200, 52.4960

Rectangle

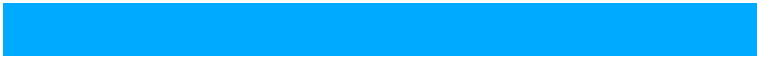
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



152.9050, 68.0900, -22.5500



143.1390, -3.7510, -47.6790



129.4470, -128.8800, -10.1280



163.0770, -5.7850, 44.2870

Sweetspot

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



152.9050, 68.0900, -22.5500



236.3060, 25.0810, -8.5110



94.9470, 79.7220, 53.0180



116.1510, 15.4520, -4.7080



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.



152.9050, 68.0900, -22.5500



178.1210, 102.1120, -33.4080



177.7150, 38.0650, -56.6150



99.0990, 4.0350, -1.5410



114.2040, 68.6860, -22.3380



26.0370, 15.7730, -5.0190

Inverse Universe

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



90.0950, -68.0900, 22.5500



84.2920, -101.8370, 33.9310



65.2850, -38.0650, 56.6150



94.9010, -4.0350, 1.5410



51.2090, -68.4110, 22.8610



11.9630, -15.7730, 5.0190

Previews

White Background



This preview shows how the YIQ color 152.9050, 68.0900, -22.5500 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 152.9050, 68.0900, -22.5500 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 152.9050, 68.0900, -22.5500

Background



This preview shows how black text looks on a background with the YIQ color 152.9050, 68.0900, -22.5500.



This preview shows how white text looks on a background with the YIQ color 152.9050, 68.0900, -22.5500.

-22.5500.

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

152.9050, 68.0900, -22.5500

Protanopia

151.3430, 48.8810, -32.3590

Deuteranopia

152.7690, 65.4770, -24.7550



Tritanopia

161.6680, 39.7020, 18.3740

Trichromacy



Original Color

152.9050, 68.0900, -22.5500

Protanomaly

151.5720, 55.6660, -28.6700

Deuteranomaly

152.4810, 66.3480, -24.0200

Tritanomaly

158.5590, 49.6540, 3.2060

Monochromacy



Original Color

152.9050, 68.0900, -22.5500

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.4200, 24.7600, -8.2000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.9050, 68.0900, -22.5500 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(204, 149, 39)` looks like.

```
.text, #text, p{  
    color:rgb(204, 149, 39)  
}
```

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(204, 149, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 149, 39) }
```

Border

The CSS property to change the border of an element to YIQ 152.9050, 68.0900, -22.5500 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(204, 149, 39) }
```


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

```
.border{ border-color:rgb(204, 149, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 149, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 149, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 149, 39);  
box-shadow:4px 4px 4px 4px rgb(204, 149,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 152.9050, 68.0900, -22.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 149, 39) }
```

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

```
.background{ background-color: rgb(204,  
149, 39) }
```

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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