

Converting Colors

YIQ(139.9220, 106.0920,
15.6280)

Have a look what the booklet for
YIQ(139.9220, 106.0920, 15.6280)
contains.

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Color

**YIQ(139.9220, 106.0920,
15.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	FB6531
RGB	251, 101, 49
RGB Percent	98%, 40%, 19%
CMY	0.0154, 0.6041, 0.8074
CMYK	0.00, 0.60, 0.80, 0.02
HSL	15°, 96%, 59%
HSV	15°, 80%, 98%
XYZ	45.0179, 30.0424, 6.3448
YIQ	139.9220, 106.0920, 15.6280

Conversions

Conversions Part 2

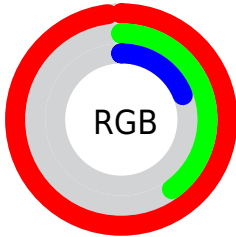
Format	Color
R _Y B	251, 119, 49
Decimal	16475441
CIE Lab	61.69, 54.88, 56.41
CIE LCh	62, 78.699, 45.791
Yxy	30.0424, 0.5530, 0.3690
Android (android.graphics.Color)	4294665521 (0xFFFB6531)
YUV	139.9220, -44.8245, 97.4154
Hunter-Lab	54.8110, 50.6881, 31.5044

Details

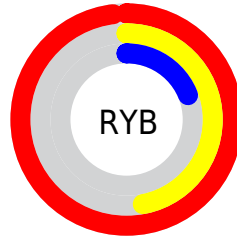
The YIQ color **139.9220, 106.0920, 15.6280** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **160.0780, -106.0920, -15.6280**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1030, 77.3010, 3.2610**, and **81.7410, 99.3520, 16.6320** is the 20% darker color. If you saturate the color by 10%, you get **125.9190, 119.3420, 17.7900**, and if you desaturate by 10%, it is **153.9250, 92.8420, 13.4660**.

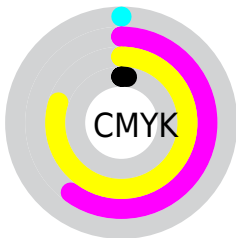
Distribution



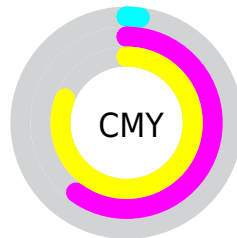
- Red (98%)
- Green (40%)
- Blue (19%)



- Red (98%)
- Yellow (47%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (80%)
- Black (2%)





- Cyan (2%)
- Magenta (60%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.9220, 106.0920, 15.6280 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 139.9220, 106.0920, 15.6280 by changing the saturation by 10% instead.


 139.9220,
106.0920, 15.6280


 139.9220,
106.0920, 15.6280


255.0000, -0.0000,
-0.0000


 110.9540,
103.0660, 15.4020


 179.1030, 77.3010,
3.2610


 81.7410, 99.3520,
16.6320


 199.0900, 60.9800,
-3.8200


 46.9320, 92.1050,
32.3370


 218.6040, 44.6130,
-10.0670

 37.0760, 73.9040,
26.2880

 239.2920, 27.6960,
-17.3600

 27.8070, 55.4280,
19.7160

 249.5280, 15.4080,
-14.9280

 19.6630, 38.0980,
14.4020

 252.8340, 6.0990,

 9.9810, 19.3470,

-5.9090

7.3070

■ 0.0000, 0.0000,
0.0000

■ 139.9220,
106.0920, 15.6280

■ 139.9220,
106.0920, 15.6280

■ 125.9190,
119.3420, 17.7900

■ 153.9250, 92.8420,
13.4660

■ 112.6170,
131.9960, 19.7400

■ 167.3410, 79.8670,
11.8270

■ 181.3440, 66.6170,
9.6650

■ 195.4610, 53.0460,
7.8140

■ 208.8770, 40.0710,
6.1750

222.8800, 26.8210,
4.0130

236.8830, 13.5710,
1.8510

250.2990, 0.5960,
0.2120

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



130.5590, 95.4940, 53.5260



139.9220, 106.0920, 15.6280



140.2520, 85.9260, -26.4100

Triad

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



139.9220, 106.0920, 15.6280



117.2540, -84.9020, -58.2620



127.9390, -94.3140, 13.2220

Complementary

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



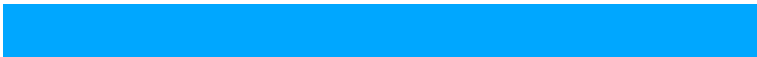
139.9220, 106.0920, 15.6280



160.0780, -106.0920, -15.6280

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.



127.0990, -127.7800, -8.0360



139.9220, 106.0920, 15.6280



126.7500, -108.8850, -36.6050

Square

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



139.9220, 106.0920, 15.6280



120.8550, -27.0390, -66.1670



132.1710, -128.2830, -15.4430



152.2180, 7.6000, 60.5280

Rectangle

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



139.9220, 106.0920, 15.6280



137.9830, 58.2820, -43.0460



132.1710, -128.2830, -15.4430



118.8810, -123.9300, -0.7140

Sweetspot

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



139.9220, 106.0920, 15.6280



221.6310, 31.9560, 4.5640



126.7260, 71.6000, 90.0960



107.3460, 19.5770, 3.1370



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.



139.9220, 106.0920, 15.6280



118.8340, 129.8870, 19.4150



198.6220, 78.5920, -36.6720



118.2350, 6.6480, 0.6640



84.6870, 99.4440, 14.9640



27.6310, 31.9560, 4.5640

Inverse Universe

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



160.0780, -106.0920, -15.6280



144.1660, -129.8870, -19.4150



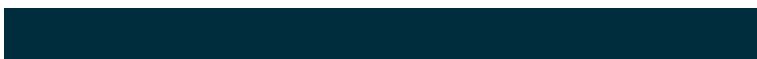
101.9650, -78.8670, 36.1490



119.3520, -6.9230, -1.1870



103.7260, -99.1690, -14.4410



33.3690, -31.9560, -4.5640

Previews

White Background



This preview shows how the YIQ color 139.9220, 106.0920, 15.6280 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 139.9220, 106.0920, 15.6280 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 139.9220, 106.0920, 15.6280

Background



This preview shows how black text looks on a background with the YIQ color 139.9220, 106.0920, 15.6280.



This preview shows how white text looks on a background with the YIQ color 139.9220, 106.0920,

15.6280.

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

139.9220, 106.0920, 15.6280

Protanopia

144.7520, 37.7840, -23.9760

Deuteranopia

143.6700, 61.4420, -23.2140



Tritanopia

142.9260, 92.2420, 35.3620

Trichromacy



Original Color

139.9220, 106.0920, 15.6280

Protanomaly

142.8850, 62.8150, -9.5450

Deuteranomaly

142.3120, 77.6700, -8.9380

Tritanomaly

141.6350, 97.1950, 28.1950

Monochromacy



Original Color

139.9220, 106.0920, 15.6280

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9800, 38.2830, 5.5390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.9220, 106.0920, 15.6280 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(251, 101, 49)` looks like.

```
.text, #text, p{  
    color:rgb(251, 101, 49)  
}
```

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(251, 101, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 101, 49) }
```

Border

The CSS property to change the border of an element to YIQ 139.9220, 106.0920, 15.6280 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(251, 101, 49) }
```


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

```
.border{ border-color:rgb(251, 101, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 101, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 101, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 101, 49);  
box-shadow:4px 4px 4px 4px rgb(251, 101,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 139.9220, 106.0920, 15.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 101, 49) }
```

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

```
.background{ background-color: rgb(251,  
101, 49) }
```

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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