

Converting Colors

YIQ(145.6860, 109.2120, 3.1320)

Have a look what the booklet for
YIQ(145.6860, 109.2120, 3.1320)
contains.

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Color

**YIQ(145.6860, 109.2120,
3.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	FC721E
RGB	252, 114, 30
RGB Percent	99%, 45%, 12%
CMY	0.0115, 0.5531, 0.8818
CMYK	0.00, 0.55, 0.88, 0.01
HSL	23°, 97%, 55%
HSV	23°, 88%, 99%
XYZ	46.4171, 32.8245, 5.1261
YIQ	145.6860, 109.2120, 3.1320

Conversions

Conversions Part 2

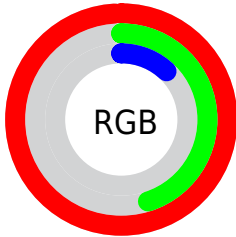
Format	Color
R_{YB}	252, 165, 30
Decimal	16544286
CIE _{Lab}	64.02, 48.84, 65.75
CIE _{LCh}	64, 81.901, 53.393
Yxy	32.8245, 0.5502, 0.3891
Android (android.graphics.Color)	4294734366 (0xFFFC721E)
YUV	145.6860, -57.0332, 93.2374
Hunter-Lab	57.2926, 44.3542, 34.8000

Details

The YIQ color **145.6860, 109.2120, 3.1320** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **136.3140, -109.2120, -3.1320**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.1380, 78.2200, -7.8920**, and **91.7200, 94.6770, 7.7410** is the 20% darker color. If you saturate the color by 10%, you get **133.4440, 121.6370, 3.7250**, and if you desaturate by 10%, it is **157.9280, 96.7870, 2.5390**.

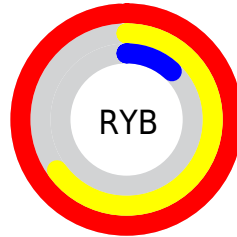
Distribution



Red (99%)

Green (45%)

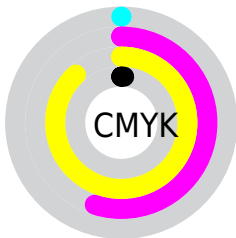
Blue (12%)



Red (99%)

Yellow (65%)

Blue (12%)

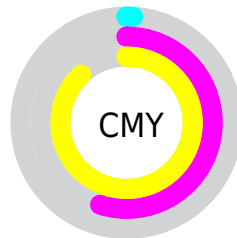


Cyan (0%)

Magenta (55%)

Yellow (88%)

Black (1%)



Cyan (1%)

Magenta (55%)

Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.6860, 109.2120, 3.1320 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 145.6860, 109.2120, 3.1320 by changing the saturation by 10% instead.


 145.6860,
109.2120, 3.1320


 145.6860,
109.2120, 3.1320


255.0000, -0.0000,
-0.0000


 116.8490,
107.1950, 1.1390


 185.1380, 78.2200,
-7.8920

 91.4320, 95.5480,
8.4760


 204.5380, 62.1740,
-14.4500


 65.4280, 84.1760,
16.3360


 224.0520, 45.8070,
-20.6970

 37.3750, 74.5000,
26.5000

 244.8540, 28.5690,
-27.6790

 28.1060, 56.0240,
19.9280

 248.0460, 19.5810,
-18.9710

 19.7340, 39.3360,
13.9920

 251.2380, 10.5930,

 11.1770, 21.7310,

-10.2630

8.1550

254.6580, 0.9630,
-0.9330

■ 0.0000, 0.0000,
0.0000

■ 145.6860,
109.2120, 3.1320

■ 145.6860,
109.2120, 3.1320

■ 133.4440,
121.6370, 3.7250

■ 157.9280, 96.7870,
2.5390

■ 131.1130,
124.0670, 3.7390

■ 169.6970, 84.3160,
2.7800

■ 181.9390, 71.8910,
2.1870

■ 194.1810, 59.4660,
1.5940

■ 205.8360, 47.3160,
1.5240

■ 218.0780, 34.8910,
0.9310

■ 230.4340, 22.1450,
0.6490

■ 242.0890, 9.9950,
0.5790

■ 254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



133.6590, 97.7880, 44.9880



145.6860, 109.2120, 3.1320



145.5020, 79.0500, -33.9580

Triad

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



145.6860, 109.2120, 3.1320



124.6860, -94.8060, -54.9820



146.4990, -54.4280, 28.2600

Complementary

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



145.6860, 109.2120, 3.1320



136.3140, -109.2120, -3.1320

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.



128.2730, -128.3300, -9.0820



145.6860, 109.2120, 3.1320



133.8230, -119.1560, -32.1800

Square

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



145.6860, 109.2120, 3.1320



112.9730, -68.7140, -76.3140



136.4910, -132.1800, -16.4040



156.9110, 27.8180, 68.5700

Rectangle

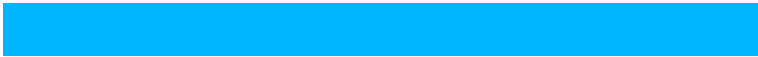
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



145.6860, 109.2120, 3.1320



142.0370, 49.0220, -51.4420



136.4910, -132.1800, -16.4040



118.8810, -123.9300, -0.7140

Sweetspot

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



145.6860, 109.2120, 3.1320



223.4090, 32.4610, 0.9170



112.4520, 87.0510, 90.9150



108.7650, 19.7150, 0.6350



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.



145.6860, 109.2120, 3.1320



132.5970, 125.5800, 3.8520



209.0820, 79.5120, -53.3520



118.8220, 6.3730, 0.1410



98.1880, 93.1190, 2.9350



31.7400, 30.0310, 0.9030

Inverse Universe

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



136.3140, -109.2120, -3.1320



122.4030, -125.5800, -3.8520



72.9180, -79.5120, 53.3520



118.1780, -6.3730, -0.1410



90.2250, -92.8440, -2.4120



29.2600, -30.0310, -0.9030

Previews

White Background



This preview shows how the YIQ color 145.6860, 109.2120, 3.1320 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 145.6860, 109.2120, 3.1320 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 145.6860, 109.2120, 3.1320

Background



This preview shows how black text looks on a background with the YIQ color 145.6860, 109.2120, 3.1320.



This preview shows how white text looks on a background with the YIQ color 145.6860, 109.2120,

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

145.6860, 109.2120, 3.1320

Protanopia

148.5710, 48.2390, -31.7370

Deuteranopia

145.1920, 76.9870, -35.1170



Tritanopia

151.3490, 86.5570, 33.7650

Trichromacy



Original Color

145.6860, 109.2120, 3.1320

Protanomaly

147.6820, 70.3360, -19.2000

Deuteranomaly

145.3820, 88.6760, -21.1800

Tritanomaly

149.3910, 94.7660, 22.6540

Monochromacy



Original Color

145.6860, 109.2120, 3.1320

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.8290, 40.0260, 1.4820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.6860, 109.2120, 3.1320 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(252, 114, 30)` looks like.

```
.text, #text, p{  
    color:rgb(252, 114, 30)  
}
```

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(252, 114, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 114, 30) }
```

Border

The CSS property to change the border of an element to YIQ 145.6860, 109.2120, 3.1320 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(252, 114, 30) }
```


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

```
.border{ border-color:rgb(252, 114, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 114, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 114, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 114, 30);  
box-shadow:4px 4px 4px 4px rgb(252, 114,  
30) }
```

Background

The CSS property to change the background color of an element to YIQ 145.6860, 109.2120, 3.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 114, 30) }
```

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

```
.background{ background-color: rgb(252,  
114, 30) }
```

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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