

Converting Colors

YIQ(108.7080, 121.3140,
15.0900)

Have a look what the booklet for
YIQ(108.7080, 121.3140, 15.0900)
contains.

YIQ(108.7080, 121.3140, 15.0900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(108.7080, 121.3140,
15.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	EA4200
RGB	234, 66, 0
RGB Percent	92%, 26%, 0%
CMY	0.0820, 0.7414, 0.9995
CMYK	0.00, 0.72, 1.00, 0.08
HSL	17°, 100%, 46%
HSV	17°, 100%, 92%
XYZ	35.9065, 21.3964, 2.2413
YIQ	108.7080, 121.3140, 15.0900

Conversions

Conversions Part 2

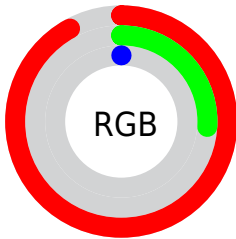
Format	Color
RYB	234, 92, 0
Decimal	15352320
CIELab	53.38, 62.40, 64.81
CIELCh	53, 89.964, 46.087
Yxy	21.3964, 0.6030, 0.3593
Android (android.graphics.Color)	4293542400 (0xFFEA4200)
YUV	108.7080, -53.5930, 109.8811
Hunter-Lab	46.2562, 57.6129, 29.5065

Details

The YIQ color **108.7080, 121.3140, 15.0900** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **125.2920, -121.3140, -15.0900**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9870, 98.2990, 8.1790**, and **50.5310, 100.7240, 35.8280** is the 20% darker color. If you saturate the color by 10%, you get **108.7080, 121.3140, 15.0900**, and if you desaturate by 10%, it is **121.4230, 108.9350, 13.6630**.

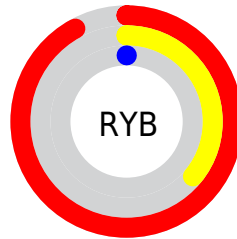
Distribution



Red (92%)

Green (26%)

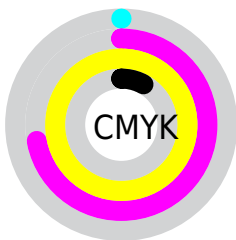
Blue (0%)



Red (92%)

Yellow (36%)

Blue (0%)

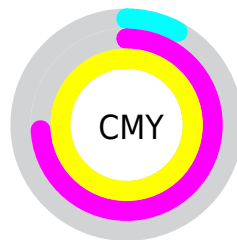


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (8%)



Cyan (8%)


Magenta (74%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 108.7080, 121.3140, 15.0900 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 108.7080, 121.3140, 15.0900 by changing the saturation by 10% instead.


 108.7080,
121.3140, 15.0900


 108.7080,
121.3140, 15.0900


254.7720, 0.6420,
-0.6220

 78.8830, 110.9960,
25.8760


 155.9870, 98.2990,
8.1790


 50.5310, 100.7240,
35.8280


 175.3870, 82.2530,
1.6210


 40.6640, 81.0560,
28.8320


 195.3740, 65.9320,
-5.4600

 31.3950, 62.5800,
22.2600

 215.4750, 49.2900,
-12.2300

 22.6530, 44.0580,
16.5220

 236.1630, 32.3730,
-19.5230

 13.9820, 26.7740,
10.3740

 248.1600, 19.2600,

 0.0000, 0.0000,

-18.6600

0.0000

■ 251.4660, 9.9510,
-9.6410

■ 108.7080,
121.3140, 15.0900

■ 121.4230,
108.9350, 13.6630

■ 134.0240, 96.8770,
11.9250

■ 146.0380, 85.0940,
10.7100

■ 158.7530, 72.7150,
9.2830

■ 171.3540, 60.6570,
7.5450

■ 184.0690, 48.2780,
6.1180

■ 196.6700, 36.2200,
4.3800

■ 209.2710, 24.1620,
2.6420

■ 221.3990, 12.0580,
1.7380

Harmonies

Analogous

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



86.5050, 123.0900, 82.0500



108.7080, 121.3140, 15.0900



120.1730, 79.1390, -19.0450

Triad

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



108.7080, 121.3140, 15.0900



102.0770, -71.1020, -55.0540



101.8580, -115.9550, 14.4530

Complementary

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



108.7080, 121.3140, 15.0900



125.2920, -121.3140, -15.0900

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.



115.9460, -122.5550, 1.9010



108.7080, 121.3140, 15.0900



112.5990, -97.9740, -30.5980

Square

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



108.7080, 121.3140, 15.0900



88.6370, -41.5250, -78.9730



119.4050, -119.8940, -7.7820



127.4990, 8.6070, 69.8150

Rectangle

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



108.7080, 121.3140, 15.0900



118.4690, 48.2860, -38.0980



119.4050, -119.8940, -7.7820



107.7280, -118.7050, 9.2230

Sweetspot

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



108.7080, 121.3140, 15.0900



214.0510, 39.5210, 5.1290



89.5740, 84.2520, 103.1000



103.3850, 23.8410, 2.9530



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.



108.7080, 121.3140, 15.0900



118.5090, 132.1800, 16.4040



175.6260, 89.9640, -44.5320



111.0500, 5.7310, 0.7630



84.0560, 93.8510, 11.6990



24.9510, 28.0590, 3.6030

Inverse Universe

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



125.2920, -121.3140, -15.0900



136.4910, -132.1800, -16.4040



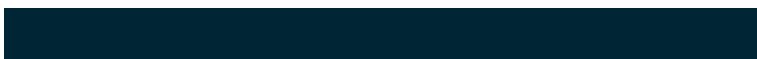
58.9610, -90.2390, 44.0090



111.9500, -5.7310, -0.7630



96.9440, -93.8510, -11.6990



28.4620, -27.7840, -3.0800

Previews

White Background



This preview shows how the YIQ color 108.7080, 121.3140, 15.0900 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 108.7080, 121.3140, 15.0900 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 108.7080, 121.3140, 15.0900

Background



This preview shows how black text looks on a background with the YIQ color 108.7080, 121.3140, 15.0900.



This preview shows how white text looks on a background with the YIQ color 108.7080, 121.3140,

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

108.7080, 121.3140, 15.0900

Protanopia

121.1560, 42.2780, -28.3300

Deuteranopia

120.0520, 63.0020, -29.4620



Tritanopia

113.9550, 102.4660, 37.2980

Trichromacy



Original Color

108.7080, 121.3140, 15.0900

Protanomaly

116.4960, 71.1600, -12.1040

Deuteranomaly

116.0860, 83.9980, -13.4900

Tritanomaly

111.9200, 109.5740, 29.6220

Monochromacy



Original Color

108.7080, 121.3140, 15.0900

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.5030, 44.0600, 5.4680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.7080, 121.3140, 15.0900 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(234, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(234, 66, 0)  
}
```

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(234, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 66, 0) }
```

Border

The CSS property to change the border of an element to YIQ 108.7080, 121.3140, 15.0900 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(234, 66, 0) }
```


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

```
.border{ border-color:rgb(234, 66, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 66, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 66, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 66, 0);  
box-shadow:4px 4px 4px 4px rgb(234, 66, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 108.7080, 121.3140, 15.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 66, 0) }
```

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

```
.background{ background-color: rgb(234, 66,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor