

Converting Colors

YIQ(143.4990, 110.6360,
-11.6680)

Have a look what the booklet for
YIQ(143.4990, 110.6360, -11.6680)
contains.

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Color

**YIQ(143.4990, 110.6360,
-11.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	F27901
RGB	242, 121, 1
RGB Percent	95%, 47%, 0%
CMY	0.0508, 0.5257, 0.9955
CMYK	0.00, 0.50, 1.00, 0.05
HSL	30°, 99%, 48%
HSV	30°, 100%, 95%
XYZ	43.4740, 32.5517, 4.0244
YIQ	143.4990, 110.6360, -11.6680

Conversions

Conversions Part 2

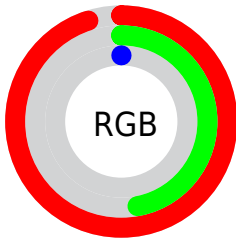
Format	Color
R_{YB}	242, 240, 1
Decimal	15890689
CIE Lab	63.80, 41.29, 70.96
CIE LCh	64, 82.099, 59.804
Yxy	32.5517, 0.5431, 0.4066
Android (android.graphics.Color)	4294080769 (0xFFFF27901)
YUV	143.4990, -70.2520, 86.3854
Hunter-Lab	57.0541, 36.1686, 35.7558

Details

The YIQ color **143.4990, 110.6360, -11.6680** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark saturated orange. A complement of this color would be **99.5010, -110.6360, 11.6680**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **187.0640, 81.0640, -15.3840**, and **93.7250, 87.1130, 1.6490** is the 20% darker color. If you saturate the color by 10%, you get **142.7980, 111.2320, -11.4560**, and if you desaturate by 10%, it is **153.2790, 99.6320, -10.4800**.

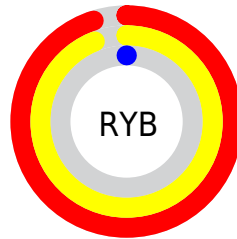
Distribution



Red (95%)

Green (47%)

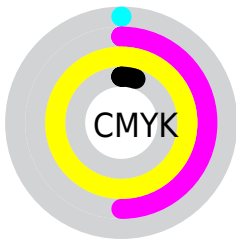
Blue (0%)



Red (95%)

Yellow (94%)

Blue (0%)

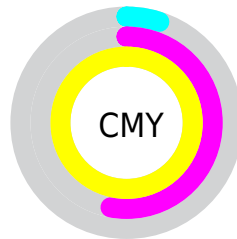


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 143.4990, 110.6360, -11.6680 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 143.4990, 110.6360, -11.6680 by changing the saturation by 10% instead.


 143.4990,
110.6360, -11.6680

 143.4990,
110.6360, -11.6680


255.0000, -0.0000,
-0.0000


 118.5550, 99.0350,
-5.1650


 187.0640, 81.0640,
-15.3840

 93.7250, 87.1130,
1.6490


 206.5780, 64.6970,
-21.6310


 69.7810, 75.5120,
8.1520


 226.2060, 48.0090,
-27.5670

 43.4890, 65.0110,
16.7470

 243.3720, 32.7420,
-31.7220

 26.0130, 51.8520,
18.4440

 246.5640, 23.7540,
-23.0140

 17.6410, 35.1640,
12.5080

 249.8700, 14.4450,

 8.4860, 16.3670,

-13.9950

6.2470

253.1760, 5.1360,
-4.9760

0.0000, 0.0000,
0.0000

143.4990,
110.6360, -11.6680

143.4990,
110.6360, -11.6680

142.7980,
111.2320, -11.4560

153.2790, 99.6320,
-10.4800

163.1730, 88.3070,
-8.9810

172.9530, 77.3030,
-7.7930

183.3200, 66.0240,
-7.1280

193.1000, 55.0200,
-5.9400

■ 202.8800, 44.0160,
-4.7520

■ 212.7740, 32.6910,
-3.2530

■ 222.5540, 21.6870,
-2.0650

■ 232.3340, 10.6830,
-0.8770

Harmonies

Analogous

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



135.4710, 100.9530, 37.1850



143.4990, 110.6360, -11.6680



144.2510, 69.3310, -39.5410

Triad

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



143.4990, 110.6360, -11.6680



126.5100, -99.9420, -50.0060



151.6700, -32.5600, 39.4400

Complementary

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



143.4990, 110.6360, -11.6680



99.5010, -110.6360, 11.6680

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.



125.3380, -126.9550, -6.4670



143.4990, 110.6360, -11.6680



134.9460, -123.6960, -26.9920

Square

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



143.4990, 110.6360, -11.6680



115.3840, -74.1250, -71.8610



134.7300, -131.3550, -14.8350



154.2180, 43.1310, 71.8910

Rectangle

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



143.4990, 110.6360, -11.6680



139.3020, 37.7900, -57.1380



134.7300, -131.3550, -14.8350



140.4860, -70.7490, 21.1790

Sweetspot

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



143.4990, 110.6360, -11.6680



224.0300, 34.8460, -3.7620



87.3090, 103.5110, 89.9670



108.6680, 21.3660, -1.7540



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.



143.4990, 110.6360, -11.6680



150.7940, 117.0550, -12.3610



212.1780, 78.4610, -72.8590



115.1100, 5.5020, -0.5940



108.4330, 84.6390, -8.5850



33.1800, 25.6760, -2.7720

Inverse Universe

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



99.5010, -110.6360, 11.6680



104.2060, -117.0550, 12.3610



30.8220, -78.4610, 72.8590



112.8900, -5.5020, 0.5940



74.9800, -84.3640, 9.1080



22.8200, -25.6760, 2.7720

Previews

White Background



This preview shows how the YIQ color 143.4990, 110.6360, -11.6680 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 143.4990, 110.6360, -11.6680 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 143.4990, 110.6360, -11.6680 Background



This preview shows how black text looks on a background with the YIQ color 143.4990, 110.6360, -11.6680.



This preview shows how white text looks on a background with the YIQ color 143.4990, 110.6360, -11.6680.

-11.6680.

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

143.4990, 110.6360, -11.6680

Protanopia

145.7040, 54.9340, -37.4340

Deuteranopia

144.8930, 76.3910, -35.3290



Tritanopia

152.9780, 77.2960, 30.8960

Trichromacy



Original Color

143.4990, 110.6360, -11.6680

Protanomaly

145.0380, 74.7850, -28.2470

Deuteranomaly

144.6930, 88.9980, -27.0180

Tritanomaly

149.5380, 89.6780, 15.7420

Monochromacy



Original Color

143.4990, 110.6360, -11.6680

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.1400, 40.3480, -4.3560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.4990, 110.6360, -11.6680 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(242, 121, 1)` looks like.

```
.text, #text, p{  
    color:rgb(242, 121, 1)  
}
```

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(242, 121, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 121, 1) }
```

Border

The CSS property to change the border of an element to YIQ 143.4990, 110.6360, -11.6680 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(242, 121, 1) }
```


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

```
.border{ border-color:rgb(242, 121, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 121, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 121, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 121, 1);  
box-shadow:4px 4px 4px 4px rgb(242, 121,  
1) }
```

Background

The CSS property to change the background color of an element to YIQ 143.4990, 110.6360, -11.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 121, 1) }
```

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

```
.background{ background-color: rgb(242,  
121, 1) }
```

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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