

Converting Colors

YIQ(146.0800, 65.7990,
-30.5930)

Have a look what the booklet for
YIQ(146.0800, 65.7990, -30.5930)
contains.

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Color

**YIQ(146.0800, 65.7990,
-30.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9415
RGB	190, 148, 21
RGB Percent	75%, 58%, 8%
CMY	0.2549, 0.4197, 0.9173
CMYK	0.00, 0.22, 0.89, 0.25
HSL	45°, 80%, 41%
HSV	45°, 89%, 75%
XYZ	31.9598, 32.1765, 5.2401
YIQ	146.0800, 65.7990, -30.5930

Conversions

Conversions Part 2

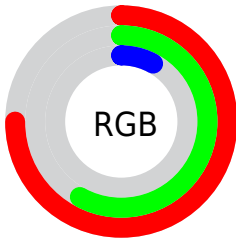
Format	Color
RYB	77, 190, 21
Decimal	12489749
CIELab	63.49, 5.07, 64.30
CIELCh	63, 64.500, 85.494
Yxy	32.1765, 0.4607, 0.4638
Android (android.graphics.Color)	4290679829 (0xFFBE9415)
YUV	146.0800, -61.6644, 38.5178
Hunter-Lab	56.7243, 1.3036, 34.2299

Details

The YIQ color **146.0800, 65.7990, -30.5930** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **64.9200, -65.7990, 30.5930**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.5580, 67.4490, -27.4550**, and **96.9940, 51.7220, -23.2700** is the 20% darker color. If you saturate the color by 10%, you get **140.9790, 73.2730, -33.8870**, and if you desaturate by 10%, it is **151.1810, 58.3250, -27.2990**.

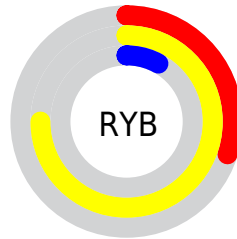
Distribution



Red (75%)

Green (58%)

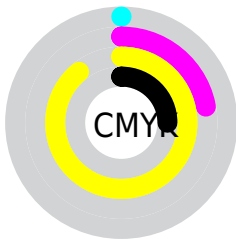
Blue (8%)



Red (30%)

Yellow (75%)

Blue (8%)

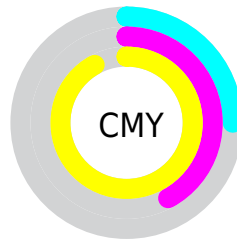


Cyan (0%)

Magenta (22%)

Yellow (89%)

Black (25%)



Cyan (25%)

Magenta (42%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.0800, 65.7990, -30.5930 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 146.0800, 65.7990, -30.5930 by changing the saturation by 10% instead.

■ 146.0800, 65.7990,
-30.5930

■ 146.0800, 65.7990,
-30.5930

■ 255.0000, -0.0000,
-0.0000

■ 119.7530, 62.4060,
-29.6740

■ 202.5580, 67.4490,
-27.4550

■ 96.9940, 51.7220,
-23.2700

■ 223.6810, 53.7410,
-32.3310

■ 74.5340, 41.6340,
-16.6540

■ 241.4340, 38.1990,
-37.0090

■ 53.2480, 30.9960,
-11.0840

■ 244.6260, 29.2110,
-28.3010

■ 33.1470, 21.2750,
-5.6130

■ 247.8180, 20.2230,
-19.5930

■ 12.1710, 12.7000,
1.1160

■ 251.1240, 10.9140,

■ 0.0000, 0.0000,

-10.5740

0.0000

254.4300, 1.6050,
-1.5550

■ 146.0800, 65.7990,
-30.5930

■ 146.0800, 65.7990,
-30.5930

■ 140.9790, 73.2730,
-33.8870

■ 151.1810, 58.3250,
-27.2990

■ 140.7510, 73.9150,
-34.5090

■ 155.6950, 51.1260,
-23.4820

■ 160.7960, 43.6520,
-20.1880

■ 165.8970, 36.1780,
-16.8940

■ 170.9980, 28.7040,
-13.6000

■ 175.5120, 21.5050,
-9.7830

■ 180.6130, 14.0310,
-6.4890

■ 185.7140, 6.5570,
-3.1950

■ 190.8150, -0.9170,
0.0990

Harmonies

Analogous

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



149.3550, 85.2790, 1.8470



146.0800, 65.7990, -30.5930



141.3240, 23.5290, -46.4790

Triad

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



146.0800, 65.7990, -30.5930



129.2750, -114.6170, -31.8410



158.0440, 25.3450, 52.8090

Complementary

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



146.0800, 65.7990, -30.5930



64.9200, -65.7990, 30.5930

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.



153.3870, -39.2530, 34.0830



146.0800, 65.7990, -30.5930



130.9970, -127.7330, -14.3970

Square

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



146.0800, 65.7990, -30.5930



121.9620, -95.4030, -49.6670



124.7510, -126.6800, -5.9440



151.6840, 70.2770, 53.4850

Rectangle

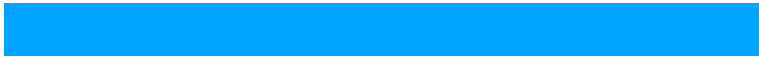
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



146.0800, 65.7990, -30.5930



135.2020, -17.2300, -51.1980



124.7510, -126.6800, -5.9440



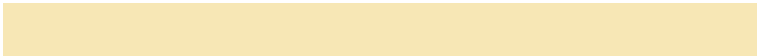
158.1710, 5.8140, 48.8380

Sweetspot

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



146.0800, 65.7990, -30.5930



230.0840, 25.5860, -12.1580



76.3190, 87.2420, 48.8900



114.5700, 15.5900, -7.2100



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



146.0800, 65.7990, -30.5930



183.0350, 96.0620, -44.9140



158.1760, 29.2170, -61.4630



91.8000, 3.4390, -1.7530



117.0950, 61.4430, -28.7410



22.7700, 12.1510, -5.4570

Inverse Universe

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



64.9200, -65.7990, 30.5930



64.5520, -96.3370, 44.3910



52.8240, -29.2170, 61.4630



87.2000, -3.4390, 1.7530



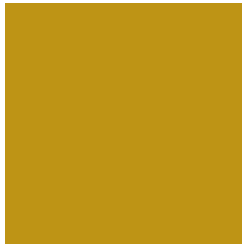
40.9050, -61.4430, 28.7410



8.2300, -12.1510, 5.4570

Previews

White Background



This preview shows how the YIQ color 146.0800, 65.7990, -30.5930 looks on a white background.

Color Contrast Check

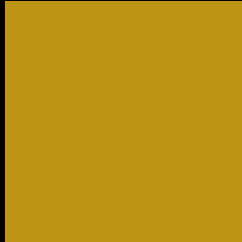
Large Text (above 18pt) WCAG AA × Fail

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 146.0800, 65.7990, -30.5930 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 146.0800, 65.7990, -30.5930

Background



This preview shows how black text looks on a background with the YIQ color 146.0800, 65.7990, -30.5930.



This preview shows how white text looks on a background with the YIQ color 146.0800, 65.7990, -30.5930.

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

146.0800, 65.7990, -30.5930

Protanopia

145.0460, 53.9710, -36.5010

Deuteranopia

146.3300, 68.0910, -28.0770



Tritanopia

156.7810, 31.9540, 15.6180

Trichromacy



Original Color

146.0800, 65.7990, -30.5930

Protanomaly

145.5520, 58.4180, -34.4940

Deuteranomaly

146.5040, 67.5410, -29.1230

Tritanomaly

152.9880, 43.8320, -1.4160

Monochromacy



Original Color

146.0800, 65.7990, -30.5930

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.2410, 23.7060, -11.1260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.0800, 65.7990, -30.5930 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(190, 148, 21)` looks like.

```
.text, #text, p{  
    color:rgb(190, 148, 21)  
}
```

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(190, 148, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 148, 21) }
```

Border

The CSS property to change the border of an element to YIQ 146.0800, 65.7990, -30.5930 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(190, 148, 21) }
```


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

```
.border{ border-color:rgb(190, 148, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 148, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 148, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 148, 21);  
box-shadow:4px 4px 4px 4px rgb(190, 148,  
21) }
```

Background

The CSS property to change the background color of an element to YIQ 146.0800, 65.7990, -30.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 148, 21) }
```

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

```
.background{ background-color: rgb(190,  
148, 21) }
```

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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