

Converting Colors

YIQ(146.7850, 22.7080,
-70.1560)

Have a look what the booklet for
YIQ(146.7850, 22.7080, -70.1560)
contains.

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Color

**YIQ(146.7850, 22.7080,
-70.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	7DBA02
RGB	125, 186, 2
RGB Percent	49%, 73%, 1%
CMY	0.5101, 0.2705, 0.9918
CMYK	0.33, 0.00, 0.99, 0.27
HSL	80°, 98%, 37%
HSV	80°, 99%, 73%
XYZ	26.0233, 39.4879, 6.3095
YIQ	146.7850, 22.7080, -70.1560

Conversions

Conversions Part 2

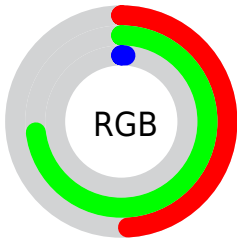
Format	Color
R _Y B	2, 186, 63
Decimal	8239618
CIE Lab	69.10, -42.15, 69.34
CIE LCh	69, 81.143, 121.298
Yxy	39.4879, 0.3623, 0.5498
Android (android.graphics.Color)	4286429698 (0xFF7DBA02)
YUV	146.7850, -71.3790, -19.1054
Hunter-Lab	62.8394, -36.0479, 38.0345

Details

The YIQ color $146.7850, 22.7080, -70.1560$ is a dark color, and the websafe version is hex $99CC33$. A complement of this color would be $41.2150, -22.7080, 70.1560$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $205.7770, 17.1590, -63.2010$, and $97.8160, 4.2280, -54.6200$ is the 20% darker color. If you saturate the color by 10%, you get $146.2580, 22.7540, -70.9900$, and if you desaturate by 10%, it is $150.7450, 20.1850, -62.9750$.

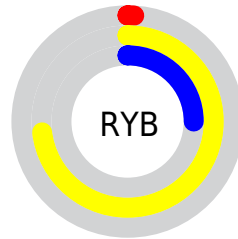
Distribution



Red (49%)

Green (73%)

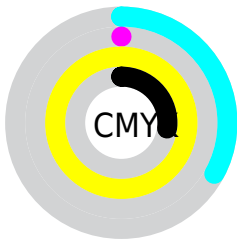
Blue (1%)



Red (1%)

Yellow (73%)

Blue (25%)

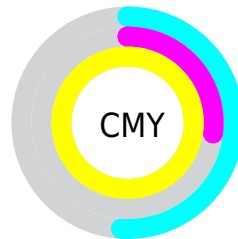


Cyan (33%)

Magenta (0%)

Yellow (99%)

Black (27%)



Cyan (51%)

Magenta (27%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.7850, 22.7080, -70.1560 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 146.7850, 22.7080, -70.1560 by changing the saturation by 10% instead.

■ 146.7850, 22.7080,
-70.1560

■ 146.7850, 22.7080,
-70.1560

■ 255.0000, -0.0000,
-0.0000

■ 122.0370, 13.4910,
-62.8050

■ 206.3640, 16.8840,
-63.7240

■ 97.8160, 4.2280,
-54.6200

■ 225.3850, 21.5590,
-54.8330

■ 74.1710, -6.7770,
-47.9050

■ 237.5470, 30.4510,
-39.7650

■ 48.1340, -22.5500,
-42.8860

■ 244.7400, 28.8900,
-27.9900

■ 34.0460, -15.9500,
-30.3340

■ 247.9320, 19.9020,
-19.2820

■ 22.3060, -10.4500,
-19.8740

■ 251.3520, 10.2720,

■ 0.0000, 0.0000,

-9.9520

0.0000

254.6580, 0.9630,
-0.9330

■ 146.7850, 22.7080,
-70.1560

■ 146.7850, 22.7080,
-70.1560

■ 146.2580, 22.7540,
-70.9900

■ 150.7450, 20.1850,
-62.9750

■ 154.5910, 17.9830,
-56.1050

■ 158.5510, 15.4600,
-48.9240

■ 162.6960, 13.8540,
-41.8420

■ 166.6560, 11.3310,
-34.6610

■ 170.6160, 8.8080,
-27.4800

■ 174.4620, 6.6060,
-20.6100

■ 178.4220, 4.0830,
-13.4290

■ 182.6810, 2.1560,
-6.0360

Harmonies

Analogous

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



157.5300, 72.6790, -45.1530



146.7850, 22.7080, -70.1560



126.2410, -84.0280, -74.1080

Triad

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



146.7850, 22.7080, -70.1560



142.9480, -135.2050, -22.1570



146.5800, 73.8060, 61.1180

Complementary

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



146.7850, 22.7080, -70.1560



41.2150, -22.7080, 70.1560

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.



168.8760, 44.0940, 70.9580



146.7850, 22.7080, -70.1560



132.9690, -130.5300, -13.2660

Square

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



146.7850, 22.7080, -70.1560



145.6890, -133.2780, -29.5500



165.5910, -22.1520, 38.0400



147.7640, 92.5180, 30.3580

Rectangle

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



146.7850, 22.7080, -70.1560



134.4030, -101.4990, -60.3390



165.5910, -22.1520, 38.0400



151.6640, 65.0020, 66.4900

Sweetspot

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



146.7850, 22.7080, -70.1560



226.6160, 8.8080, -27.4800



91.0620, 93.7140, 8.6740



112.7980, 5.7800, -16.6520



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



146.7850, 22.7080, -70.1560



190.4920, 30.0020, -92.2220



120.1740, -30.3360, -89.0240



90.0770, 1.1010, -3.4350



122.6680, 19.0840, -59.5400



22.1170, 3.6240, -10.6160

Inverse Universe

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



41.2150, -22.7080, 70.1560



51.5080, -30.0020, 92.2220



67.8260, 30.3360, 89.0240



84.9230, -1.1010, 3.4350



33.3320, -19.0840, 59.5400



5.8830, -3.6240, 10.6160

Previews

White Background



This preview shows how the YIQ color 146.7850, 22.7080, -70.1560 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 146.7850, 22.7080, -70.1560 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 146.7850, 22.7080, -70.1560

Background



This preview shows how black text looks on a background with the YIQ color 146.7850, 22.7080, -70.1560.



This preview shows how white text looks on a background with the YIQ color 146.7850, 22.7080, -70.1560.

-70.1560.

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

146.7850, 22.7080, -70.1560

Protanopia

155.4260, 67.0400, -47.5840

Deuteranopia

160.8250, 71.0710, -27.0170



Tritanopia

165.9250, -21.7780, -1.7940

Trichromacy



Original Color

146.7850, 22.7080, -70.1560

Protanomaly

152.4730, 50.4900, -56.0220

Deuteranomaly

155.7590, 53.1010, -42.7630

Tritanomaly

159.1290, -5.8180, -26.7300

Monochromacy



Original Color

146.7850, 22.7080, -70.1560

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.7840, 8.3950, -25.5010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.7850, 22.7080, -70.1560 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(125, 186, 2)` looks like.

```
.text, #text, p{  
    color:rgb(125, 186, 2)  
}
```

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(125, 186, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 186, 2) }
```

Border

The CSS property to change the border of an element to YIQ 146.7850, 22.7080, -70.1560 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(125, 186, 2) }
```


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

```
.border{ border-color:rgb(125, 186, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 186, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 186, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 186, 2);  
box-shadow:4px 4px 4px 4px rgb(125, 186,  
2) }
```

Background

The CSS property to change the background color of an element to YIQ 146.7850, 22.7080, -70.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 186, 2) }
```

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

```
.background{ background-color: rgb(125,  
186, 2) }
```

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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