

Converting Colors

YIQ(139.6840, 4.9600, -45.8560)

Have a look what the booklet for
YIQ(139.6840, 4.9600, -45.8560)
contains.

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Color

**YIQ(139.6840, 4.9600,
-45.8560)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 74A838 |
| RGB | 116, 168, 56 |
| RGB Percent | 45%, 66%, 22% |
| CMY | 0.5453, 0.3411, 0.7803 |
| CMYK | 0.31, 0.00, 0.67, 0.34 |
| HSL | 88°, 50%, 44% |
| HSV | 88°, 67%, 66% |
| XYZ | 21.9170, 32.0086, 8.7680 |
| YIQ | 139.6840, 4.9600, -45.8560 |

Conversions

Conversions Part 2

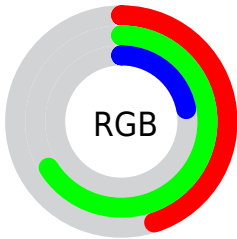
| Format | Color |
|-------------------------------------|--|
| RYB | 56, 168, 108 |
| Decimal | 7645240 |
| CIELab | 63.35, -35.42, 50.44 |
| CIELCh | 63, 61.636, 125.073 |
| Yxy | 32.0086, 0.3496, 0.5106 |
| Android (android.graphics.Color) | 4285835320 (0xFF74A838) |
| YUV | 139.6840, -41.2562, -20.7709 |
| Hunter-Lab | 56.5762, -29.8594, 30.4147 |

Details

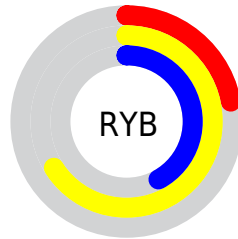
The YIQ color **139.6840, 4.9600, -45.8560** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **84.3160, -4.9600, 45.8560**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9290, 5.6480, -47.3120**, and **86.6300, 5.0520, -47.5240** is the 20% darker color. If you saturate the color by 10%, you get **135.3540, 5.6490, -52.8390**, and if you desaturate by 10%, it is **144.0140, 4.2710, -38.8730**.

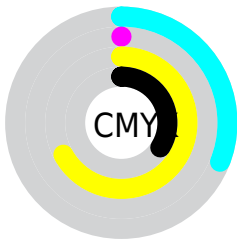
Distribution



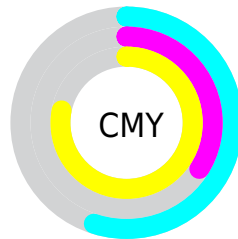
- Red (45%)
- Green (66%)
- Blue (22%)



- Red (22%)
- Yellow (66%)
- Blue (42%)



- Cyan (31%)
- Magenta (0%)
- Yellow (67%)
- Black (34%)



- Cyan (55%)
- Magenta (34%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.6840, 4.9600, -45.8560 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 139.6840, 4.9600, -45.8560 by changing the saturation by 10% instead.

 139.6840, 4.9600,
-45.8560


 139.6840, 4.9600,
-45.8560


255.0000, -0.0000,
-0.0000


 112.5700, 5.2810,
-46.1670


 194.9290, 5.6480,
-47.3120

 86.6300, 5.0520,
-47.5240


 223.1140, 6.5650,
-47.4110


 63.8820, -4.1650,
-40.1730


 236.6240, 14.3570,
-34.4350

 39.3290, -18.4250,
-35.0410

 247.5900, 20.8650,
-20.2150

 25.8280, -12.1000,
-23.0120

 250.8960, 11.5560,
-11.1960

 11.7400, -5.5000,
-10.4600

 254.2020, 2.2470,

 0.0000, 0.0000,

-2.1770

0.0000

■ 139.6840, 4.9600,
-45.8560

■ 139.6840, 4.9600,
-45.8560

■ 135.3540, 5.6490,
-52.8390

■ 144.0140, 4.2710,
-38.8730

■ 131.0240, 6.3380,
-59.8220

■ 148.3440, 3.5820,
-31.8900

■ 127.1070, 7.3020,
-66.2820

■ 152.2610, 2.6180,
-25.4300

■ 125.5260, 7.4400,
-68.7840

■ 156.5910, 1.9290,
-18.4470

■ 160.9210, 1.2400,
-11.4640

■ 165.2510, 0.5510,
-4.4810

■ 169.5810, -0.1380,
2.5020

■ 173.4980, -1.1020,
8.9620

■ 177.8280, -1.7910,
15.9450

Harmonies

Analogous

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



145.4310, 51.4490, -34.8470



139.6840, 4.9600, -45.8560



115.2820, -82.1050, -59.3930

Triad

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



139.6840, 4.9600, -45.8560



129.1050, -127.9170, -11.0610



151.2790, 75.5510, 46.0070

Complementary

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



139.6840, 4.9600, -45.8560



84.3160, -4.9600, 45.8560

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.



156.5310, 39.9710, 52.0590



139.6840, 4.9600, -45.8560



130.4980, -106.5540, 3.7660

Square

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



139.6840, 4.9600, -45.8560



128.9960, -117.9650, -26.2290



156.9940, -15.9170, 40.6830



150.1990, 86.5590, 22.7110

Rectangle

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



139.6840, 4.9600, -45.8560



121.2610, -94.8070, -49.4550



156.9940, -15.9170, 40.6830



152.5370, 66.1970, 50.3330

Sweetspot

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



139.6840, 4.9600, -45.8560



208.0040, 2.2040, -17.9240



118.8380, 53.0020, -2.4060



103.0350, 0.9190, -11.1530



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



139.6840, 4.9600, -45.8560



174.8310, 7.8990, -71.5970



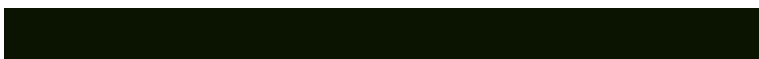
123.5380, -27.2240, -57.3040



81.8920, 0.1840, -3.3360



110.4970, 6.3840, -60.6560



15.0290, 1.0560, -8.1280

Inverse Universe

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



84.3160, -4.9600, 45.8560



88.1690, -7.8990, 71.5970



100.4620, 27.2240, 57.3040



78.1080, -0.1840, 3.3360



37.5030, -6.3840, 60.6560



4.9710, -1.0560, 8.1280

Previews

White Background



This preview shows how the YIQ color 139.6840, 4.9600, -45.8560 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 139.6840, 4.9600, -45.8560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

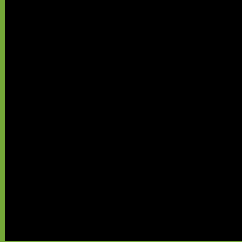
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 139.6840, 4.9600, -45.8560

Background



This preview shows how black text looks on a background with the YIQ color 139.6840, 4.9600, -45.8560.



This preview shows how white text looks on a background with the YIQ color 139.6840, 4.9600, -45.8560.

-45.8560.

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

139.6840, 4.9600, -45.8560

Protanopia

146.8680, 43.1490, -27.5950

Deuteranopia

149.2210, 52.8210, -15.6510



Tritanopia

150.7080, -19.6690, -1.4690

Trichromacy



Original Color

139.6840, 4.9600, -45.8560

Protanomaly

143.9370, 29.5330, -34.1390

Deuteranomaly

145.5020, 35.4920, -26.4920

Tritanomaly

146.8870, -10.5880, -17.3720

Monochromacy



Original Color

139.6840, 4.9600, -45.8560

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.6450, 1.8370, -16.7790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.6840, 4.9600, -45.8560 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(116, 168, 56)` looks like.

```
.text, #text, p{  
    color:rgb(116, 168, 56)  
}
```

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(116, 168, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 168, 56) }
```

Border

The CSS property to change the border of an element to YIQ 139.6840, 4.9600, -45.8560 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(116, 168, 56) }
```


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

```
.border{ border-color:rgb(116, 168, 56) }
```

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

Here you see how a box with a 4 pixel rgb(116, 168, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 168, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 168, 56);  
box-shadow:4px 4px 4px 4px rgb(116, 168,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 139.6840, 4.9600, -45.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 168, 56) }
```

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

```
.background{ background-color: rgb(116,  
168, 56) }
```

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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