

Converting Colors

YIQ(138.7460, -6.7780,
-42.3780)

Have a look what the booklet for
YIQ(138.7460, -6.7780, -42.3780)
contains.

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Color

**YIQ(138.7460, -6.7780,
-42.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA84A
RGB	106, 168, 74
RGB Percent	42%, 66%, 29%
CMY	0.5845, 0.3411, 0.7097
CMYK	0.37, 0.00, 0.56, 0.34
HSL	100°, 39%, 47%
HSV	100°, 56%, 66%
XYZ	21.1814, 31.5703, 11.4579
YIQ	138.7460, -6.7780, -42.3780

Conversions

Conversions Part 2

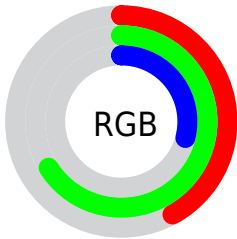
Format	Color
RYB	74, 168, 136
Decimal	6989898
CIELab	62.99, -37.32, 41.76
CIELCh	63, 56.005, 131.785
Yxy	31.5703, 0.3299, 0.4917
Android (android.graphics.Color)	4285179978 (0xFF6AA84A)
YUV	138.7460, -31.9198, -28.7182
Hunter-Lab	56.1875, -31.0375, 27.2406

Details

The YIQ color $138.7460, -6.7780, -42.3780$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $103.2540, 6.7780, 42.3780$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $193.8770, -5.7690, -44.1450$, and $85.6750, -8.0160, -41.9680$ is the 20% darker color. If you saturate the color by 10%, you get $133.5190, -7.8770, -49.9970$, and if you desaturate by 10%, it is $143.9730, -5.6790, -34.7590$.

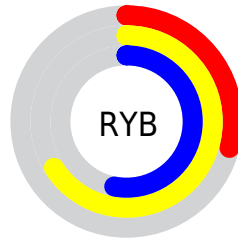
Distribution



Red (42%)

Green (66%)

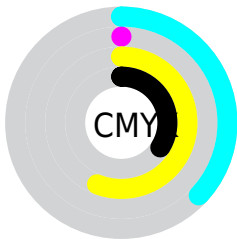
Blue (29%)



Red (29%)

Yellow (66%)

Blue (53%)

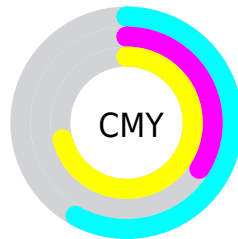


Cyan (37%)

Magenta (0%)

Yellow (56%)

Black (34%)



Cyan (58%)

Magenta (34%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.7460, -6.7780, -42.3780 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 138.7460, -6.7780, -42.3780 by changing the saturation by 10% instead.


 138.7460, -6.7780,
-42.3780

 138.7460, -6.7780,
-42.3780


255.0000, -0.0000,
-0.0000

 111.9740, -7.4200,
-41.7560


 193.5780, -6.3650,
-44.3570

 85.6750, -8.0160,
-41.9680


 221.7630, -5.4480,
-44.4560


 59.7070, -11.0420,
-42.1940


 234.9740, 1.7480,
-31.6920

 38.7420, -18.1500,
-34.5180

 246.8370, 10.0440,
-16.8360

 25.8280, -12.1000,
-23.0120

 252.8340, 6.0990,
-5.9090

 10.5660, -4.9500,
-9.4140

 0.0000, 0.0000,

0.0000

■ 138.7460, -6.7780,
-42.3780

■ 138.7460, -6.7780,
-42.3780

■ 133.5190, -7.8770,
-49.9970

■ 143.9730, -5.6790,
-34.7590

■ 128.2920, -8.9760,
-57.6160

■ 149.2000, -4.5800,
-27.1400

■ 123.1790,
-10.3960, -64.9240

■ 154.3130, -3.1600,
-19.8320

■ 117.9520,
-11.4950, -72.5430

■ 159.5400, -2.0610,
-12.2130

■ 115.6590,
-12.2280, -75.7800

■ 164.7670, -0.9620,
-4.5940

■ 170.2930, 0.7330,
3.2370

■ 175.5200, 1.8320,
10.8560

■ 180.6330, 3.2520,
18.1640

■ 185.8600, 4.3510,
25.7830

Harmonies

Analogous

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



145.0690, 37.9690, -32.8390



138.7460, -6.7780, -42.3780



116.2910, -86.3240, -54.5160

Triad

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



138.7460, -6.7780, -42.3780



125.6000, -124.9370, -10.0010



151.1550, 72.6640, 37.7520

Complementary

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



138.7460, -6.7780, -42.3780



103.2540, 6.7780, 42.3780

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.



154.7070, 45.1070, 47.0830



138.7460, -6.7780, -42.3780



145.5420, -65.1550, 18.9170

Square

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



138.7460, -6.7780, -42.3780



126.9900, -117.8280, -23.2040



156.8940, -1.0160, 40.4560



150.4380, 78.2160, 14.2160

Rectangle

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



138.7460, -6.7780, -42.3780



121.4550, -98.1090, -44.6770



156.8940, -1.0160, 40.4560



152.3810, 66.3360, 42.3040

Sweetspot

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



138.7460, -6.7780, -42.3780



207.6060, -2.4270, -16.5950



137.9130, 39.2490, -11.9750



103.0070, -1.8780, -10.0220



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.



138.7460, -6.7780, -42.3780



173.2390, -10.6250, -66.2810



130.7740, -30.3440, -44.8080



81.5930, -0.4120, -3.5480



101.8260, -10.9000, -66.8040



13.8330, -1.3280, -8.9760

Inverse Universe

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



103.2540, 6.7780, 42.3780



117.7610, 10.6250, 66.2810



111.2260, 30.3440, 44.8080



78.4070, 0.4120, 3.5480



46.1740, 10.9000, 66.8040



6.1670, 1.3280, 8.9760

Previews

White Background



This preview shows how the YIQ color 138.7460, -6.7780, -42.3780 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 138.7460, -6.7780, -42.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

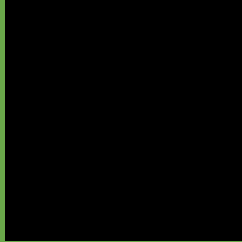
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 138.7460, -6.7780, -42.3780

Background



This preview shows how black text looks on a background with the YIQ color 138.7460, -6.7780, -42.3780.



This preview shows how white text looks on a background with the YIQ color 138.7460, -6.7780,

-42.3780.

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

138.7460, -6.7780, -42.3780

Protanopia

147.3220, 36.1790, -22.4210

Deuteranopia

149.8490, 45.3010, -11.5230



Tritanopia

148.7180, -25.6290, -3.5890

Trichromacy



Original Color

138.7460, -6.7780, -42.3780

Protanomaly

144.1950, 20.1790, -29.8130

Deuteranomaly

145.6460, 26.4590, -22.4770

Tritanomaly

145.2820, -19.0700, -17.8380

Monochromacy



Original Color

138.7460, -6.7780, -42.3780

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.1330, -2.4730, -15.7610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7460, -6.7780, -42.3780 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(106, 168, 74)` looks like.

```
.text, #text, p{  
    color:rgb(106, 168, 74)  
}
```

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(106, 168, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 168, 74) }
```

Border

The CSS property to change the border of an element to YIQ 138.7460, -6.7780, -42.3780 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(106, 168, 74) }
```


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

```
.border{ border-color:rgb(106, 168, 74) }
```

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

Here you see how a box with a 4 pixel rgb(106, 168, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 168, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 168, 74);  
box-shadow:4px 4px 4px 4px rgb(106, 168,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7460, -6.7780, -42.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 168, 74) }
```

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

```
.background{ background-color: rgb(106,  
168, 74) }
```

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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