

Converting Colors

YIQ(142.8710, -5.6320,
-41.1200)

Have a look what the booklet for
YIQ(142.8710, -5.6320, -41.1200)
contains.

YIQ(142.8710, -5.6320, -41.1200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(142.8710, -5.6320,
-41.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	70AB4F
RGB	112, 171, 79
RGB Percent	44%, 67%, 31%
CMY	0.5610, 0.3293, 0.6901
CMYK	0.35, 0.00, 0.54, 0.33
HSL	99°, 37%, 49%
HSV	99°, 54%, 67%
XYZ	22.6550, 33.1412, 12.6024
YIQ	142.8710, -5.6320, -41.1200

Conversions

Conversions Part 2

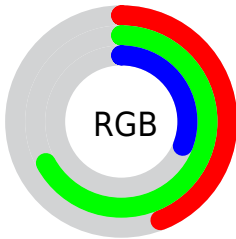
Format	Color
RYB	79, 171, 138
Decimal	7383887
CIELab	64.28, -36.00, 40.94
CIElCh	64, 54.516, 131.329
Yxy	33.1412, 0.3312, 0.4845
Android (android.graphics.Color)	4285573967 (0xFF70AB4F)
YUV	142.8710, -31.4884, -27.0739
Hunter-Lab	57.5684, -30.4994, 27.3187

Details

The YIQ color $142.8710, -5.6320, -41.1200$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $107.1290, 5.6320, 41.1200$, and the grayscale version is $143.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $198.0020, -4.6230, -42.8870$, and $90.2130, -6.5950, -40.1870$ is the 20% darker color. If you saturate the color by 10%, you get $137.6440, -6.7310, -48.7390$, and if you desaturate by 10%, it is $148.0980, -4.5330, -33.5010$.

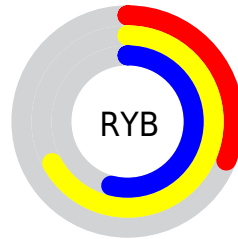
Distribution



Red (44%)

Green (67%)

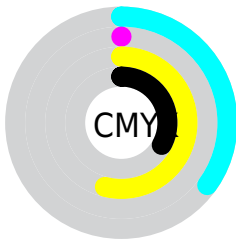
Blue (31%)



Red (31%)

Yellow (67%)

Blue (54%)

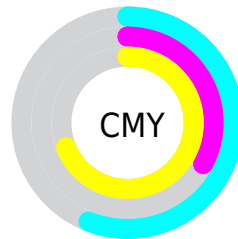


Cyan (35%)

Magenta (0%)

Yellow (54%)

Black (33%)



Cyan (56%)

Magenta (33%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.8710, -5.6320, -41.1200 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 142.8710, -5.6320, -41.1200 by changing the saturation by 10% instead.


 142.8710, -5.6320,
-41.1200


 142.8710, -5.6320,
-41.1200


 255.0000, -0.0000,
-0.0000

 116.0990, -6.2740,
-40.4980


 197.7030, -5.2190,
-43.0990


 90.2130, -6.5950,
-40.1870


 225.8880, -4.3020,
-43.1980


 63.8600, -7.0990,
-42.0670


 237.4520, 3.3980,
-28.5540

 40.5030, -18.9750,
-36.0870

 249.6140, 12.2900,
-13.4860

 27.0020, -12.6500,
-24.0580

 253.5180, 4.1730,
-4.0430

 14.0880, -6.6000,
-12.5520

 0.0000, 0.0000,

0.0000

■ 142.8710, -5.6320,
-41.1200

■ 142.8710, -5.6320,
-41.1200

■ 137.6440, -6.7310,
-48.7390

■ 148.0980, -4.5330,
-33.5010

■ 132.4170, -7.8300,
-56.3580

■ 153.3250, -3.4340,
-25.8820

■ 127.1900, -8.9290,
-63.9770

■ 158.5520, -2.3350,
-18.2630

■ 121.9630,
-10.0280, -71.5960

■ 163.7790, -1.2360,
-10.6440

■ 118.6160,
-10.6690, -76.5010

■ 169.1200, -0.4580,
-2.7140

■ 174.3470, 0.6410,
4.9050

■ 179.5740, 1.7400,
12.5240

■ 184.8010, 2.8390,
20.1430

■ 190.0280, 3.9380,
27.7620

Harmonies

Analogous

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



148.8240, 37.2810, -31.3830



142.8710, -5.6320, -41.1200



118.5080, -88.4330, -54.8410

Triad

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



142.8710, -5.6320, -41.1200



127.4750, -126.0830, -11.2590



155.7310, 70.9220, 36.2820

Complementary

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



142.8710, -5.6320, -41.1200



107.1290, 5.6320, 41.1200

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.



159.1690, 43.6860, 45.3020



142.8710, -5.6320, -41.1200



149.7980, -63.0000, 18.4080

Square

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



142.8710, -5.6320, -41.1200



129.4520, -119.2490, -24.9850



160.0680, -1.5660, 39.4100



154.3670, 76.9780, 14.6260

Rectangle

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



142.8710, -5.6320, -41.1200



123.5580, -99.8970, -45.3130



160.0680, -1.5660, 39.4100



156.1850, 63.9520, 41.4560

Sweetspot

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



142.8710, -5.6320, -41.1200



211.0190, -2.1520, -16.0720



140.5540, 38.8820, -10.8300



105.7190, -1.0070, -9.2870



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



142.8710, -5.6320, -41.1200



177.7770, -9.2040, -64.5000



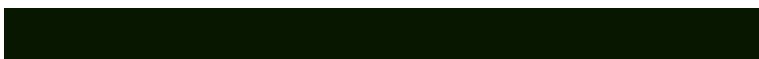
134.3720, -29.1520, -44.3840



84.1800, -0.6870, -4.0710



104.1960, -9.0660, -67.0020



15.8930, -1.5570, -10.3330

Inverse Universe

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



107.1290, 5.6320, 41.1200



121.9240, 8.6080, 64.2880



115.6280, 29.1520, 44.3840



80.8200, 0.6870, 4.0710



46.1030, 9.6620, 67.2140



7.1070, 1.5570, 10.3330

Previews

White Background



This preview shows how the YIQ color 142.8710, -5.6320, -41.1200 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 142.8710, -5.6320, -41.1200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

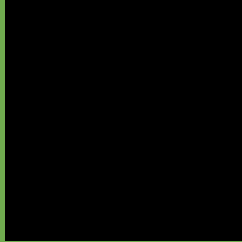
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 142.8710, -5.6320, -41.1200

Background



This preview shows how black text looks on a background with the YIQ color 142.8710, -5.6320, -41.1200.



This preview shows how white text looks on a background with the YIQ color 142.8710, -5.6320,

-41.1200.

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

142.8710, -5.6320, -41.1200

Protanopia

150.8490, 36.1330, -21.5870

Deuteranopia

153.3760, 45.2550, -10.6890



Tritanopia

152.3160, -24.4370, -3.1650

Trichromacy



Original Color

142.8710, -5.6320, -41.1200

Protanomaly

148.0210, 20.7290, -28.7670

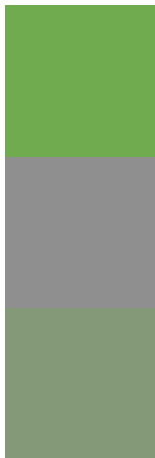
Deuteranomaly

149.4720, 27.0090, -21.4310

Tritanomaly

149.1790, -17.2820, -17.2020

Monochromacy



Original Color

142.8710, -5.6320, -41.1200

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.9590, -1.9230, -14.7150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.8710, -5.6320, -41.1200 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(112, 171, 79)` looks like.

```
.text, #text, p{  
    color:rgb(112, 171, 79)  
}
```

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(112, 171, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 171, 79) }
```

Border

The CSS property to change the border of an element to YIQ 142.8710, -5.6320, -41.1200 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(112, 171, 79) }
```


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

```
.border{ border-color:rgb(112, 171, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 171, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 171, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 171, 79);  
box-shadow:4px 4px 4px 4px rgb(112, 171,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 142.8710, -5.6320, -41.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 171, 79) }
```

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

```
.background{ background-color: rgb(112,  
171, 79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor