

Converting Colors

YIQ(146.2690, -7.8870, 5.2730)

Have a look what the booklet for
YIQ(146.2690, -7.8870, 5.2730)
contains.

YIQ(146.2690, -7.8870, 5.2730)	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(146.2690, -7.8870,
5.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	8E91A4
RGB	142, 145, 164
RGB Percent	56%, 57%, 64%
CMY	0.4431, 0.4314, 0.3569
CMYK	0.13, 0.12, 0.00, 0.36
HSL	232°, 11%, 60%
HSV	232°, 13%, 64%
XYZ	27.9809, 28.6820, 39.1778
YIQ	146.2690, -7.8870, 5.2730

Conversions

Conversions Part 2

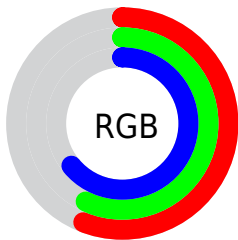
Format	Color
R_{YB}	142, 145, 164
Decimal	9343396
CIE _{Lab}	60.50, 2.88, -10.36
CIE _{LCh}	60, 10.747, 285.522
Yxy	28.6820, 0.2920, 0.2993
Android (android.graphics.Color)	4287533476 (0xFF8E91A4)
YUV	146.2690, 8.7414, -3.7439
Hunter-Lab	53.5556, -0.4623, -5.8839

Details

The YIQ color **146.2690, -7.8870, 5.2730** is a light color, and the websafe version is hex **999999**. A complement of this color would be **159.7310, 7.8870, -5.2730**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.3830, -8.2080, 5.5840**, and **96.0410, -7.2450, 4.6510** is the 20% darker color. If you saturate the color by 10%, you get **133.2670, -13.5730, 9.2030**, and if you desaturate by 10%, it is **159.2710, -2.2010, 1.3430**.

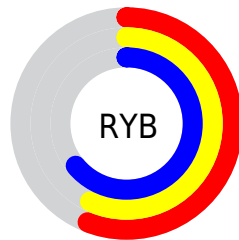
Distribution



Red (56%)

Green (57%)

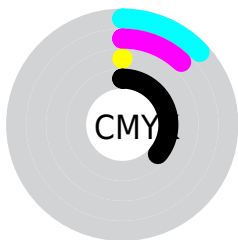
Blue (64%)



Red (56%)

Yellow (57%)

Blue (64%)

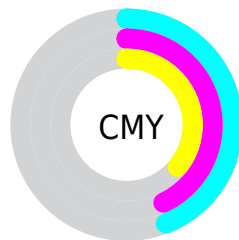


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.2690, -7.8870, 5.2730 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 146.2690, -7.8870, 5.2730 by changing the saturation by 10% instead.

■ 146.2690, -7.8870,
5.2730

■ 146.2690, -7.8870,
5.2730

■ 255.0000, -0.0000,
-0.0000

■ 120.2690, -7.8870,
5.2730

■ 200.3830, -8.2080,
5.5840

■ 96.0410, -7.2450,
4.6510

■ 228.3830, -8.2080,
5.5840

■ 72.0410, -7.2450,
4.6510

■ 254.1030, -1.7880,
-0.6360

■ 49.5140, -7.1990,
3.8170

■ 28.4000, -6.8780,
3.5060

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,

0.0000

■ 146.2690, -7.8870,
5.2730

■ 146.2690, -7.8870,
5.2730

■ 133.2670,
-13.5730, 9.2030

■ 159.2710, -2.2010,
1.3430

■ 119.9660,
-19.8550, 12.9210

■ 172.5720, 4.0810,
-2.3750

■ 106.9640,
-25.5410, 16.8510

■ 185.5740, 9.7670,
-6.3050

■ 93.0760, -31.5480,
21.0920

■ 199.4620, 15.7740,
-10.5460

■ 80.0740, -37.2340,
25.0220

■ 212.4640, 21.4600,
-14.4760

■ 67.0720, -42.9200,
28.9520

■ 225.4660, 27.1460,
-18.4060

■ 53.7710, -49.2020,
32.6700

■ 238.1690, 32.2360,
-22.5480

■ 40.7690, -54.8880,
36.6000

■ 244.6260, 29.2110,
-28.3010

■ 31.6100, -58.6940,
39.4980

Harmonies

Analogous

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



144.7410, -15.2680, 1.3720



146.2690, -7.8870, 5.2730



147.5260, 1.6950, 7.8310

Triad

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



146.2690, -7.8870, 5.2730



147.2640, 16.8720, 2.6000



142.9830, -10.4980, -7.9860

Complementary

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



146.2690, -7.8870, 5.2730



159.7310, 7.8870, -5.2730

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.



143.4740, -1.6950, -7.8310



146.2690, -7.8870, 5.2730



146.3620, 13.4800, -2.0080

Square

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



146.2690, -7.8870, 5.2730



147.8880, 15.1750, 5.8230



145.1330, 6.6950, -5.6970



142.9160, -17.5590, -6.6710

Rectangle

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



146.2690, -7.8870, 5.2730



147.5760, 7.4260, 8.5940



145.1330, 6.6950, -5.6970



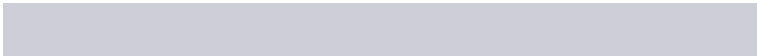
143.5380, -7.7470, -8.2830

Sweetspot

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



146.2690, -7.8870, 5.2730



207.4990, -2.8430, 1.9650



157.0800, -12.1490, -5.5970



102.5700, -1.6050, 1.5550



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



146.2690, -7.8870, 5.2730



186.8110, -12.2890, 7.9590



146.9000, -2.2940, 8.5380



75.2000, -3.4390, 1.7530



28.2700, -52.0450, 34.6350



3.2260, -6.3280, 4.5520

Inverse Universe

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



148.9200, 12.1490, 5.5970



190.7360, 18.6590, 8.7630



159.1000, 2.2940, -8.5380



75.9190, 4.7220, 2.5300



45.6350, 80.0000, 36.9600



5.6100, 10.0860, 4.4380

Previews

White Background



This preview shows how the YIQ color 146.2690, -7.8870, 5.2730 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 146.2690, -7.8870, 5.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

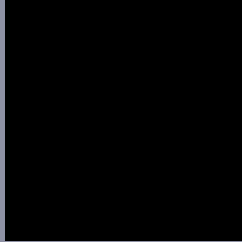
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.2690, -7.8870, 5.2730

Background



This preview shows how black text looks on a background with the YIQ color 146.2690, -7.8870, 5.2730.



This preview shows how white text looks on a background with the YIQ color 146.2690, -7.8870,

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

146.2690, -7.8870, 5.2730

Protanopia

146.5680, -7.2910, 5.4850

Deuteranopia

147.3130, -2.0190, 9.0610



Tritanopia

145.8730, -6.8320, 2.6720

Trichromacy



Original Color

146.2690, -7.8870, 5.2730

Protanomaly

146.5680, -7.2910, 5.4850

Deuteranomaly

147.0030, -4.0820, 7.9020

Tritanomaly

146.1010, -7.4740, 3.2940

Monochromacy



Original Color

146.2690, -7.8870, 5.2730

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.4990, -2.8430, 1.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.2690, -7.8870, 5.2730 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(142, 145, 164)` looks like.

```
.text, #text, p{  
    color:rgb(142, 145, 164)  
}
```

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(142, 145, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 145, 164) }
```

Border

The CSS property to change the border of an element to YIQ 146.2690, -7.8870, 5.2730 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(142, 145, 164) }
```


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

```
.border{ border-color:rgb(142, 145, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 145, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 145, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 145, 164);  
box-shadow:4px 4px 4px 4px rgb(142, 145,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 146.2690, -7.8870, 5.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 145, 164) }
```

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

```
.background{ background-color: rgb(142,  
145, 164) }
```

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