

Converting Colors

YIQ(146.2770, -20.6740,
-21.8100)

Have a look what the booklet for
YIQ(146.2770, -20.6740, -21.8100)
contains.

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Color

**YIQ(146.2770, -20.6740,
-21.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	71A684
RGB	113, 166, 132
RGB Percent	44%, 65%, 52%
CMY	0.5570, 0.3489, 0.4824
CMYK	0.32, 0.00, 0.21, 0.35
HSL	142°, 23%, 55%
HSV	142°, 32%, 65%
XYZ	24.6094, 32.4543, 26.7920
YIQ	146.2770, -20.6740, -21.8100

Conversions

Conversions Part 2

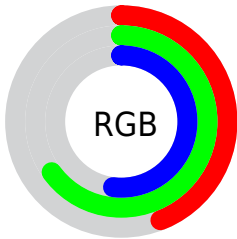
Format	Color
RYB	113, 152, 166
Decimal	7448196
CIELab	63.72, -24.92, 12.12
CIELCh	64, 27.713, 154.076
Yxy	32.4543, 0.2935, 0.3870
Android (android.graphics.Color)	4285638276 (0xFF71A684)
YUV	146.2770, -7.0386, -29.1839
Hunter-Lab	56.9687, -22.5866, 11.9944

Details

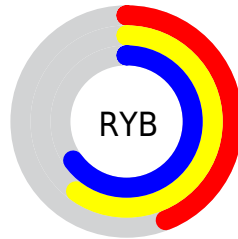
The YIQ color **146.2770, -20.6740, -21.8100** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **132.7230, 20.6740, 21.8100**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.4510, -21.2240, -22.8560**, and **95.1030, -20.1240, -20.7640** is the 20% darker color. If you saturate the color by 10%, you get **139.9400, -27.2750, -28.8350**, and if you desaturate by 10%, it is **152.6140, -14.0730, -14.7850**.

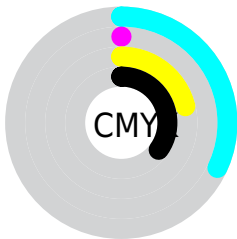
Distribution



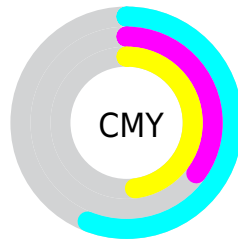
- Red (44%)
- Green (65%)
- Blue (52%)



- Red (44%)
- Yellow (60%)
- Blue (65%)



- Cyan (32%)
- Magenta (0%)
- Yellow (21%)
- Black (35%)



- Cyan (56%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.2770, -20.6740, -21.8100 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 146.2770, -20.6740, -21.8100 by changing the saturation by 10% instead.

■ 146.2770,
-20.6740, -21.8100

■ 146.2770,
-20.6740, -21.8100

■ 255.0000, -0.0000,
-0.0000

■ 119.8040,
-20.7200, -20.9760

■ 200.4510,
-21.2240, -22.8560

■ 95.1030, -20.1240,
-20.7640

■ 229.0380,
-21.4990, -23.3790

■ 70.3310, -20.7660,
-20.1420

■ 243.5370,
-15.1740, -11.3500

■ 45.6620, -23.1960,
-20.1560

■ 253.8040, -2.3840,
-0.8480

■ 27.1790, -17.2820,
-17.2020

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,

0.0000

■ 146.2770,
-20.6740, -21.8100

■ 146.2770,
-20.6740, -21.8100

■ 139.9400,
-27.2750, -28.8350

■ 152.6140,
-14.0730, -14.7850

■ 134.0160,
-33.6010, -35.3370

■ 158.5380, -7.7470,
-8.2830

■ 127.6790,
-40.2020, -42.3620

■ 164.8750, -1.1460,
-1.2580

■ 121.6410,
-46.2070, -49.1750

■ 170.9130, 4.8590,
5.5550

■ 115.4180,
-53.1290, -55.8890

■ 177.1360, 11.7810,
12.2690

■ 109.0810,
-59.7300, -62.9140

■ 183.4730, 18.3820,
19.2940

■ 104.2820,
-64.9100, -68.1580

■ 189.5110, 24.3870,
26.1070

■ 195.7340, 31.3090,
32.8210

■ 199.6790, 33.1420,
38.1500

Harmonies

Analogous

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



149.8470, 4.0840, -18.9560



146.2770, -20.6740, -21.8100



142.5270, -44.7450, -20.5930

Triad

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



146.2770, -20.6740, -21.8100



152.6870, -32.3710, 8.4690



155.9960, 41.3540, 10.4580

Complementary

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



146.2770, -20.6740, -21.8100



132.7230, 20.6740, 21.8100

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.



157.5580, 34.2000, 18.9680



146.2770, -20.6740, -21.8100



156.9570, -6.4680, 18.1080

Square

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



146.2770, -20.6740, -21.8100



145.7610, -53.5510, -4.1670



158.1680, 17.9230, 22.1070



154.5790, 37.7340, -1.0340

Rectangle

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



146.2770, -20.6740, -21.8100



141.1760, -56.7580, -17.6380



158.1680, 17.9230, 22.1070



156.8050, 40.5740, 13.5820

Sweetspot

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



146.2770, -20.6740, -21.8100



208.8260, -8.6180, -9.0180



154.2770, 5.6890, -20.5110



104.7880, -5.4550, -5.7670



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.



146.2770, -20.6740, -21.8100



186.1410, -32.4550, -34.0790



149.2410, -29.0200, -13.7240



81.0380, -3.1630, -3.2510



92.9180, -57.7130, -60.9210



12.5380, -7.7470, -8.2830

Inverse Universe

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



132.7230, 20.6740, 21.8100



164.8590, 32.4550, 34.0790



129.7590, 29.0200, 13.7240



78.9620, 3.1630, 3.2510



55.0820, 57.7130, 60.9210



7.4620, 7.7470, 8.2830

Previews

White Background



This preview shows how the YIQ color 146.2770, -20.6740, -21.8100 looks on a white background.

Color Contrast Check

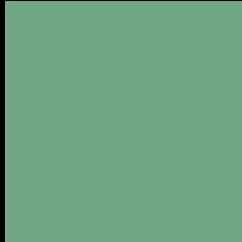
Large Text (above 18pt) WCAG AA × Fail

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 146.2770, -20.6740, -21.8100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

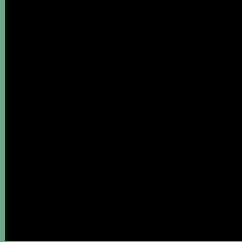
Any Text WCAG AA ✓ Pass

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 146.2770, -20.6740, -21.8100 Background



This preview shows how black text looks on a background with the YIQ color 146.2770, -20.6740, -21.8100.



This preview shows how white text looks on a background with the YIQ color 146.2770, -20.6740, -21.8100.

-21.8100.

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

146.2770, -20.6740, -21.8100

Protanopia

152.9120, 14.6270, -6.2770

Deuteranopia

154.7050, 19.9440, 1.9920



Tritanopia

149.8210, -27.4170, -4.2250

Trichromacy



Original Color

146.2770, -20.6740, -21.8100

Protanomaly

150.6930, 1.8820, -12.0860

Deuteranomaly

151.8230, 4.6320, -6.8560

Tritanomaly

148.3880, -24.9400, -10.5720

Monochromacy



Original Color

146.2770, -20.6740, -21.8100

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9510, -7.4720, -7.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.2770, -20.6740, -21.8100 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(113, 166, 132)` looks like.

```
.text, #text, p{  
    color:rgb(113, 166, 132)  
}
```

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(113, 166, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 166, 132) }
```

Border

The CSS property to change the border of an element to YIQ 146.2770, -20.6740, -21.8100 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(113, 166, 132) }
```


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

```
.border{ border-color:rgb(113, 166, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 166, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 166, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 166, 132);  
box-shadow:4px 4px 4px 4px rgb(113, 166,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 146.2770, -20.6740, -21.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 166, 132) }
```

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

```
.background{ background-color: rgb(113,  
166, 132) }
```

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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