

Converting Colors

YIQ(148.1770, -21.8270,
15.6210)

Have a look what the booklet for
YIQ(148.1770, -21.8270, 15.6210)
contains.

YIQ(148.1770, -21.8270, 15.6210)	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(148.1770, -21.8270,
15.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	8990C7
RGB	137, 144, 199
RGB Percent	54%, 56%, 78%
CMY	0.4627, 0.4353, 0.2197
CMYK	0.31, 0.28, 0.00, 0.22
HSL	233°, 36%, 66%
HSV	233°, 31%, 78%
XYZ	30.5960, 29.3882, 58.0727
YIQ	148.1770, -21.8270, 15.6210

Conversions

Conversions Part 2

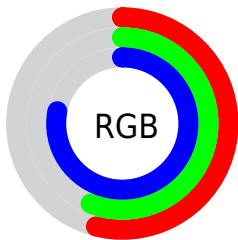
Format	Color
RYB	137, 143, 199
Decimal	9015495
CIELab	61.12, 10.25, -29.22
CIELCh	61, 30.968, 289.322
Yxy	29.3882, 0.2592, 0.2489
Android (android.graphics.Color)	4287205575 (0xFF8990C7)
YUV	148.1770, 25.0557, -9.8022
Hunter-Lab	54.2109, 5.8742, -25.5660

Details

The YIQ color $148.1770, -21.8270, 15.6210$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $187.8230, 21.8270, -15.6210$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $202.7040, -21.8730, 16.4550$, and $97.1230, -21.7350, 13.9530$ is the 20% darker color. If you saturate the color by 10%, you get $131.6310, -28.7970, 20.7950$, and if you desaturate by 10%, it is $164.7230, -14.8570, 10.4470$.

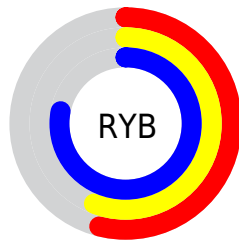
Distribution



Red (54%)

Green (56%)

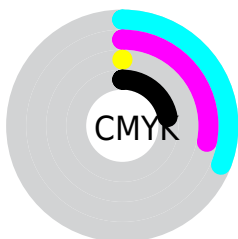
Blue (78%)



Red (54%)

Yellow (56%)

Blue (78%)

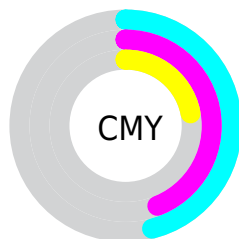


Cyan (31%)

Magenta (28%)

Yellow (0%)

Black (22%)



Cyan (46%)

Magenta (44%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.1770, -21.8270, 15.6210 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 148.1770, -21.8270, 15.6210 by changing the saturation by 10% instead.

■ 148.1770,
-21.8270, 15.6210

■ 148.1770,
-21.8270, 15.6210

■ 255.0000, -0.0000,
-0.0000

■ 122.0630,
-21.5060, 15.3100

■ 202.7040,
-21.8730, 16.4550

■ 97.1230, -21.7350,
13.9530

■ 227.5120,
-12.8850, 7.7470

■ 72.5960, -21.6890,
13.1190

■ 252.6190, -3.3010,
-0.7490

■ 49.0580, -23.1100,
11.3380

■ 25.6120, -27.7860,
7.9740

■ 5.4720, -15.4080,
14.9280

■ 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 148.1770,
-21.8270, 15.6210

■ 148.1770,
-21.8270, 15.6210

■ 131.6310,
-28.7970, 20.7950

■ 164.7230,
-14.8570, 10.4470

■ 115.6720,
-36.0420, 25.4460

■ 180.6820, -7.6120,
5.7960

■ 99.1260, -43.0120,
30.6200

■ 197.2280, -0.6420,
0.6220

■ 82.5800, -49.9820,
35.7940

■ 213.7740, 6.3280,
-4.5520

■ 66.9200, -56.6310,
40.6570

■ 229.4340, 12.9770,
-9.4150

■ 50.3740, -63.6010,
45.8310

■ 245.6810, 19.3510,
-14.8010

■ 35.6000, -69.9290,
50.3830

■ 248.6160, 17.9760,
-17.4160

Harmonies

Analogous

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



140.8310, -50.5720, 2.4200



148.1770, -21.8270, 15.6210



151.2470, 7.5150, 23.5070

Triad

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



148.1770, -21.8270, 15.6210



148.2750, 44.7020, 4.8460



135.4150, -38.7380, -24.8340

Complementary

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



148.1770, -21.8270, 15.6210



187.8230, 21.8270, -15.6210

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.



140.3830, -9.3490, -23.3090



148.1770, -21.8270, 15.6210



146.3950, 35.0760, -7.9320

Square

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



148.1770, -21.8270, 15.6210



149.8810, 43.4160, 17.1440



143.7190, 16.1880, -18.0520



129.7510, -65.9270, -22.1750

Rectangle

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



148.1770, -21.8270, 15.6210



151.2720, 23.5620, 24.5380



143.7190, 16.1880, -18.0520



137.3900, -28.4220, -24.5660

Sweetspot

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



148.1770, -21.8270, 15.6210



236.3830, -8.2080, 5.5840



179.6640, -34.7050, -15.3210



115.8840, -5.3650, 3.6190



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



148.1770, -21.8270, 15.6210



177.5860, -32.9240, 24.0040



151.2440, -5.5980, 24.3700



91.6130, -3.1640, 2.2760



29.1480, -57.2730, 41.2790



6.4520, -12.6560, 9.1040

Inverse Universe

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



156.3360, 34.7050, 15.3210



190.2460, 52.8140, 23.0380



184.7560, 5.5980, -24.3700



92.8050, 5.0430, 2.2190



50.7890, 91.3700, 40.1540



11.2200, 20.1720, 8.8760

Previews

White Background



This preview shows how the YIQ color 148.1770, -21.8270, 15.6210 looks on a white background.

Color Contrast Check

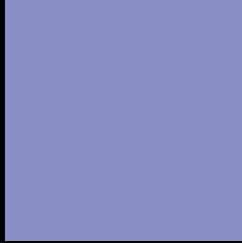
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.1770, -21.8270, 15.6210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

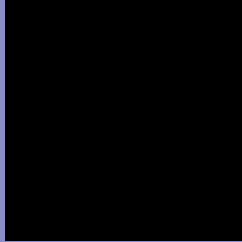
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.1770, -21.8270, 15.6210

Background



This preview shows how black text looks on a background with the YIQ color 148.1770, -21.8270, 15.6210.



This preview shows how white text looks on a background with the YIQ color 148.1770, -21.8270, 15.6210.

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

148.1770, -21.8270, 15.6210

Protanopia

147.3830, -25.4030, 14.3490

Deuteranopia

147.5680, -24.4860, 14.2500



Tritanopia

145.7900, -16.9640, -0.9320

Trichromacy



Original Color

148.1770, -21.8270, 15.6210

Protanomaly

147.9810, -24.2110, 14.7730

Deuteranomaly

147.8670, -23.8900, 14.4620

Tritanomaly

146.4080, -18.5240, 5.3160

Monochromacy



Original Color

148.1770, -21.8270, 15.6210

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.3830, -8.2080, 5.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.1770, -21.8270, 15.6210 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(137, 144, 199)` looks like.

```
.text, #text, p{  
    color:rgb(137, 144, 199)  
}
```

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(137, 144, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 144, 199) }
```

Border

The CSS property to change the border of an element to YIQ 148.1770, -21.8270, 15.6210 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(137, 144, 199) }
```


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

```
.border{ border-color:rgb(137, 144, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 144, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 144, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 144, 199);  
box-shadow:4px 4px 4px 4px rgb(137, 144,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 148.1770, -21.8270, 15.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 144, 199) }
```

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

```
.background{ background-color: rgb(137,  
144, 199) }
```

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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