

Converting Colors

YIQ(148.4170, -13.5750,
20.2570)

Have a look what the booklet for
YIQ(148.4170, -13.5750, 20.2570)
contains.

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Color

**YIQ(148.4170, -13.5750,
20.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	948BC6
RGB	148, 139, 198
RGB Percent	58%, 55%, 78%
CMY	0.4195, 0.4549, 0.2236
CMYK	0.25, 0.30, 0.00, 0.22
HSL	249°, 34%, 66%
HSV	249°, 30%, 78%
XYZ	31.6376, 28.8375, 57.3094
YIQ	148.4170, -13.5750, 20.2570

Conversions

Conversions Part 2

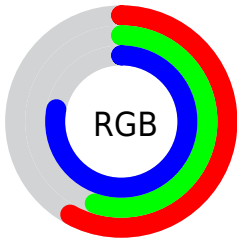
Format	Color
R_{YB}	148, 139, 198
Decimal	9735110
CIE Lab	60.64, 16.18, -29.35
CIE LCh	61, 33.511, 298.873
Yxy	28.8375, 0.2686, 0.2448
Android (android.graphics.Color)	4287925190 (0xFF948BC6)
YUV	148.4170, 24.4444, -0.3657
Hunter-Lab	53.7006, 11.1871, -25.6841

Details

The YIQ color $148.4170, -13.5750, 20.2570$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $188.5830, 13.5750, -20.2570$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $202.4710, -13.6670, 21.9250$, and $97.3630, -13.4830, 18.5890$ is the 20% darker color. If you saturate the color by 10%, you get $131.5940, -18.2070, 27.1130$, and if you desaturate by 10%, it is $165.2400, -8.9430, 13.4010$.

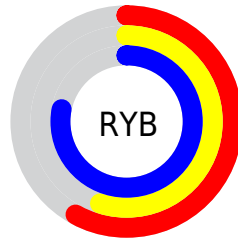
Distribution



Red (58%)

Green (55%)

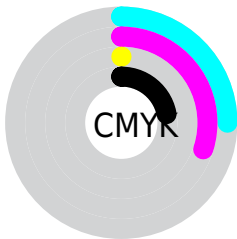
Blue (78%)



Red (58%)

Yellow (55%)

Blue (78%)

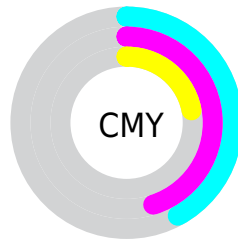


Cyan (25%)

Magenta (30%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (45%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.4170, -13.5750, 20.2570 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 148.4170, -13.5750, 20.2570 by changing the saturation by 10% instead.

■ 148.4170,
-13.5750, 20.2570

■ 148.4170,
-13.5750, 20.2570

■ 255.0000, -0.0000,
-0.0000

■ 122.8900,
-13.5290, 19.4230

■ 202.4710,
-13.6670, 21.9250

■ 97.3630, -13.4830,
18.5890

■ 227.2790, -4.6790,
13.2170

■ 73.4230, -13.7120,
17.2320

■ 251.4780, 1.6500,
3.1380

■ 50.4830, -13.9410,
15.8750

■ 27.9450, -15.3620,
14.0940

■ 5.9560, -13.8950,
15.0410

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 148.4170,
-13.5750, 20.2570

■ 148.4170,
-13.5750, 20.2570

■ 131.5940,
-18.2070, 27.1130

■ 165.2400, -8.9430,
13.4010

■ 114.7710,
-22.8390, 33.9690

■ 182.0630, -4.3110,
6.5450

■ 98.8340, -27.1500,
40.5140

■ 198.0000, -0.0000,
0.0000

■ 82.0110, -31.7820,
47.3700

■ 214.8230, 4.6320,
-6.8560

■ 65.1880, -36.4140,
54.2260

■ 231.6460, 9.2640,
-13.7120

■ 48.3650, -41.0460,
61.0820

■ 246.7080, 14.7210,
-18.9990

■ 31.8410, -45.0820,
68.1500

■ 248.5020, 18.2970,
-17.7270

■ 31.5420, -45.6780,
67.9380

Harmonies

Analogous

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



141.0320, -46.5840, 7.2400



148.4170, -13.5750, 20.2570



150.3190, 16.1800, 26.1640

Triad

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



148.4170, -13.5750, 20.2570



146.4120, 45.5740, 0.0540



129.7490, -54.4180, -27.0100

Complementary

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



148.4170, -13.5750, 20.2570



188.5830, 13.5750, -20.2570

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.



136.6420, -20.4440, -25.9800



148.4170, -13.5750, 20.2570



144.3790, 32.0050, -12.8510

Square

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



148.4170, -13.5750, 20.2570



148.2250, 48.1390, 14.1470



141.0770, 9.1280, -22.2640



120.3230, -88.2090, -25.8490

Rectangle

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



148.4170, -13.5750, 20.2570



149.8170, 32.2730, 26.3610



141.0770, 9.1280, -22.2640



132.2080, -42.5890, -26.6290

Sweetspot

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



148.4170, -13.5750, 20.2570



235.8180, -4.9990, 8.0010



175.0760, -32.6890, -7.8010



115.6070, -3.0270, 5.3010



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.



148.4170, -13.5750, 20.2570



177.6740, -21.1880, 31.5800



157.0880, 3.7090, 26.4050



91.3250, -2.2930, 3.0110



26.0570, -37.4230, 55.9930



5.5990, -8.5760, 12.2560

Inverse Universe

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



162.3410, 19.1140, 28.0580



199.4000, 29.7940, 43.7620



179.9120, -3.7090, -26.4050



93.6030, 2.7960, 4.3960



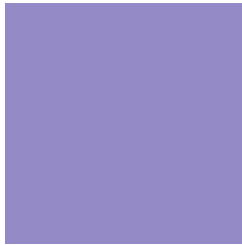
64.4690, 52.8500, 77.4740



14.1840, 11.8260, 16.9620

Previews

White Background



This preview shows how the YIQ color 148.4170, -13.5750, 20.2570 looks on a white background.

Color Contrast Check

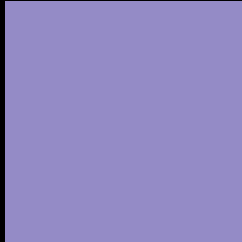
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.4170, -13.5750, 20.2570 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 148.4170, -13.5750, 20.2570

Background



This preview shows how black text looks on a background with the YIQ color 148.4170, -13.5750, 20.2570.



This preview shows how white text looks on a background with the YIQ color 148.4170, -13.5750, 20.2570.

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

148.4170, -13.5750, 20.2570

Protanopia

146.1270, -27.5580, 14.8580

Deuteranopia

146.4540, -24.1650, 13.9390



Tritanopia

146.1610, -7.7030, 1.9370

Trichromacy



Original Color

148.4170, -13.5750, 20.2570

Protanomaly

146.9320, -22.5150, 17.0770

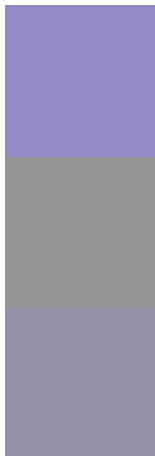
Deuteranomaly

147.0740, -20.0390, 16.2570

Tritanomaly

147.0070, -9.9050, 8.8070

Monochromacy



Original Color

148.4170, -13.5750, 20.2570

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.2910, -4.9530, 7.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.4170, -13.5750, 20.2570 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(148, 139, 198)` looks like.

```
.text, #text, p{  
    color:rgb(148, 139, 198)  
}
```

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(148, 139, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 139, 198) }
```

Border

The CSS property to change the border of an element to YIQ 148.4170, -13.5750, 20.2570 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(148, 139, 198) }
```


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

```
.border{ border-color:rgb(148, 139, 198) }
```

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

Here you see how a box with a 4 pixel rgb(148, 139, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 139, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 139, 198);  
box-shadow:4px 4px 4px 4px rgb(148, 139,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 148.4170, -13.5750, 20.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 139, 198) }
```

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

```
.background{ background-color: rgb(148,  
139, 198) }
```

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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