

Converting Colors

YIQ(141.8190, -13.6260,
48.7260)

Have a look what the booklet for
YIQ(141.8190, -13.6260, 48.7260)
contains.

YIQ(141.8190, -13.6260, 48.7260)	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(141.8190, -13.6260,
48.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	9F72F0
RGB	159, 114, 240
RGB Percent	62%, 45%, 94%
CMY	0.3763, 0.5530, 0.0590
CMYK	0.34, 0.52, 0.00, 0.06
HSL	261°, 81%, 69%
HSV	261°, 52%, 94%
XYZ	36.0451, 25.6952, 85.4678
YIQ	141.8190, -13.6260, 48.7260

Conversions

Conversions Part 2

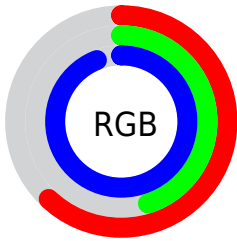
Format	Color
R _Y B	159, 114, 240
Decimal	10449648
CIE Lab	57.75, 44.04, -57.34
CIE LCh	58, 72.304, 307.526
Yxy	25.6952, 0.2449, 0.1745
Android (android.graphics.Color)	4288639728 (0xFF9F72F0)
YUV	141.8190, 48.4032, 15.0677
Hunter-Lab	50.6904, 38.2202, -64.4841

Details

The YIQ color $141.8190, -13.6260, 48.7260$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $212.1810, 13.6260, -48.7260$, and the grayscale version is $141.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $191.9820, 1.5520, 37.9680$, and $89.2270, -14.9550, 45.2770$ is the 20% darker color. If you saturate the color by 10%, you get $123.2460, -15.9660, 58.0980$, and if you desaturate by 10%, it is $160.3920, -11.2860, 39.3540$.

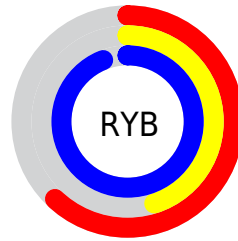
Distribution



Red (62%)

Green (45%)

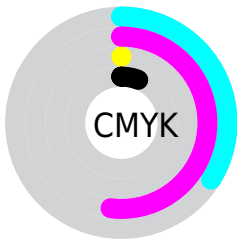
Blue (94%)



Red (62%)

Yellow (45%)

Blue (94%)

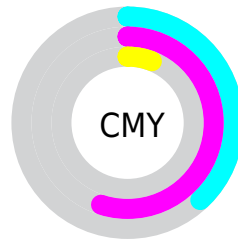


Cyan (34%)

Magenta (52%)

Yellow (0%)

Black (6%)



Cyan (38%)

Magenta (55%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.8190, -13.6260, 48.7260 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 141.8190, -13.6260, 48.7260 by changing the saturation by 10% instead.

■ 141.8190,
-13.6260, 48.7260

■ 141.8190,
-13.6260, 48.7260

■ 255.0000, -0.0000,
-0.0000

■ 115.4660,
-14.1300, 46.8460

■ 191.9820, 1.5520,
37.9680

■ 89.2270, -14.9550,
45.2770

■ 217.3880, 11.7320,
29.6840

■ 63.3900, -16.9720,
43.2840

■ 236.2160, 8.8000,
16.7360

■ 36.6670, -19.3100,
41.6020

■ 253.2390, 0.8250,
1.5690

■ 11.7420, -33.0630,
32.0330

■ 8.8920, -25.0380,
24.2580

■ 9.0910, -18.7090,

14.1790

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,
1.2440

■ 141.8190,
-13.6260, 48.7260

■ 141.8190,
-13.6260, 48.7260

■ 123.2460,
-15.9660, 58.0980

■ 160.3920,
-11.2860, 39.3540

■ 104.3740,
-18.9020, 67.2580

■ 179.2640, -8.3500,
30.1940

■ 85.8010, -21.2420,
76.6300

■ 197.8370, -6.0100,
20.8220

■ 66.9290, -24.1780,
85.7900

■ 216.7090, -3.0740,
11.6620

■ 53.0740, -25.7840,
92.8720

■ 235.2820, -0.7340,
2.2900

■ 252.3930, 3.0270,
-5.3010

■ 253.2900, 4.8150,
-4.6650

Harmonies

Analogous

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



111.8370, -120.6300, 5.5620



141.8190, -13.6260, 48.7260



136.8410, 51.2020, 63.2820

Triad

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



141.8190, -13.6260, 48.7260



129.6750, 89.4090, -17.9430



115.4710, -95.0380, -39.7580

Complementary

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



141.8190, -13.6260, 48.7260



212.1810, 13.6260, -48.7260

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.



106.1860, -73.0270, -58.7150



141.8190, -13.6260, 48.7260



128.2150, 51.8170, -41.5190

Square

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



141.8190, -13.6260, 48.7260



130.2390, 98.2500, 25.5940



118.5120, 2.0280, -58.8040



121.9520, -114.6650, -19.9530

Rectangle

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



141.8190, -13.6260, 48.7260



130.2280, 80.7290, 62.3050



118.5120, 2.0280, -58.8040



112.3760, -87.7010, -46.0770

Sweetspot

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



141.8190, -13.6260, 48.7260



223.1590, -4.2210, 15.9310



176.4980, -62.9960, -3.7000



108.5410, -2.6610, 9.6830



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.



141.8190, -13.6260, 48.7260



129.6960, -17.1130, 62.3670



160.3570, 23.3260, 61.8700



110.5640, -1.4680, 4.5800



40.7100, -19.7280, 71.2160



12.3640, -6.0560, 21.6560

Inverse Universe

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



160.9080, 49.0950, 51.9030



153.9950, 62.5720, 66.4760



193.6430, -23.3260, -61.8700



112.5000, 4.5840, 5.0320



68.4680, 71.7860, 75.7060



20.8480, 21.8200, 23.0680

Previews

White Background



This preview shows how the YIQ color 141.8190, -13.6260, 48.7260 looks on a white background.

Color Contrast Check

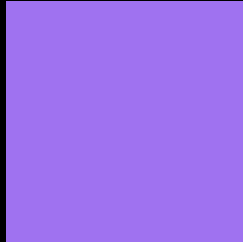
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.8190, -13.6260, 48.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

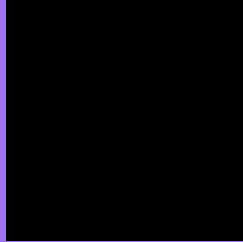
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 141.8190, -13.6260, 48.7260

Background



This preview shows how black text looks on a background with the YIQ color 141.8190, -13.6260, 48.7260.



This preview shows how white text looks on a background with the YIQ color 141.8190, -13.6260,

48.7260.

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

141.8190, -13.6260, 48.7260

Protanopia

131.3380, -73.0880, 25.0240

Deuteranopia

130.0850, -71.2980, 14.6060



Tritanopia

139.1510, -1.7430, 4.0570

Trichromacy



Original Color

141.8190, -13.6260, 48.7260



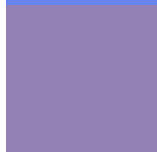
Protanomaly

135.0420, -51.4030, 34.0130



Deuteranomaly

134.5980, -50.3930, 26.7190



Tritanomaly

140.3100, -5.9640, 19.9880

Monochromacy



Original Color

141.8190, -13.6260, 48.7260



Achromatopsia

142.0000, -0.0000, -0.0000



Achromatomaly

142.0280, -5.2300, 17.6980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.8190, -13.6260, 48.7260 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(159, 114, 240)` looks like.

```
.text, #text, p{  
    color:rgb(159, 114, 240)  
}
```

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(159, 114, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 114, 240) }
```

Border

The CSS property to change the border of an element to YIQ 141.8190, -13.6260, 48.7260 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(159, 114, 240) }
```


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

```
.border{ border-color:rgb(159, 114, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 114, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 114, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 114, 240);  
box-shadow:4px 4px 4px 4px rgb(159, 114,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 141.8190, -13.6260, 48.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 114, 240) }
```

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

```
.background{ background-color: rgb(159,  
114, 240) }
```

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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