

Converting Colors

YIQ(141.1220, 7.5100, 51.1420)

Have a look what the booklet for
YIQ(141.1220, 7.5100, 51.1420)
contains.

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Color

**YIQ(141.1220, 7.5100,
51.1420)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B46ADC |
| RGB | 180, 106, 220 |
| RGB Percent | 71%, 42%, 86% |
| CMY | 0.2939, 0.5844, 0.1373 |
| CMYK | 0.18, 0.52, 0.00, 0.14 |
| HSL | 279°, 62%, 64% |
| HSV | 279°, 52%, 86% |
| XYZ | 36.9042, 25.1791, 70.6148 |
| YIQ | 141.1220, 7.5100, 51.1420 |

Conversions

Conversions Part 2

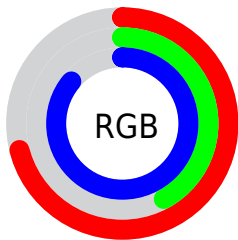
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 180, 106, 220 |
| Decimal | 11823836 |
| CIELab | 57.25, 49.04, -46.83 |
| CIELCh | 57, 67.803, 316.321 |
| Yxy | 25.1791, 0.2781, 0.1897 |
| Android (android.graphics.Color) | 4290013916 (0xFFB46ADC) |
| YUV | 141.1220, 38.8869, 34.0960 |
| Hunter-Lab | 50.1788, 43.4658, -48.3115 |

Details

The YIQ color **141.1220, 7.5100, 51.1420** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **184.8780, -7.5100, -51.1420**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.1520, 15.9930, 46.0810**, and **87.4700, 6.4100, 49.0500** is the 20% darker color. If you saturate the color by 10%, you get **125.8160, 8.7920, 60.9520**, and if you desaturate by 10%, it is **156.4280, 6.2280, 41.3320**.

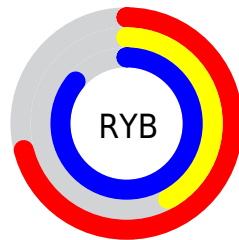
Distribution



Red (71%)

Green (42%)

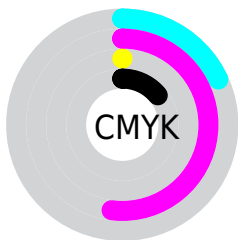
Blue (86%)



Red (71%)

Yellow (42%)

Blue (86%)

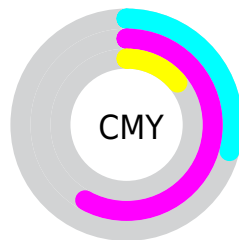


Cyan (18%)

Magenta (52%)

Yellow (0%)

Black (14%)



Cyan (29%)

Magenta (58%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.1220, 7.5100, 51.1420 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 141.1220, 7.5100, 51.1420 by changing the saturation by 10% instead.

141.1220, 7.5100,
51.1420

141.1220, 7.5100,
51.1420

255.0000, -0.0000,
-0.0000

114.2960, 6.9600,
50.0960

194.1520, 15.9930,
46.0810

87.4700, 6.4100,
49.0500

215.0840, 18.7000,
35.5640

60.5840, 6.0890,
49.3610

232.1070, 10.7250,
20.3970

33.9970, 6.3640,
49.8840

248.5430, 3.0250,
5.7530

23.0740, -1.7030,
36.3850

12.8630, -8.8990,
23.6210

6.2070, -13.3440,

10.5600

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 141.1220, 7.5100,
51.1420

■ 141.1220, 7.5100,
51.1420

■ 125.8160, 8.7920,
60.9520

■ 156.4280, 6.2280,
41.3320

■ 110.8090, 10.6700,
70.9740

■ 171.4350, 4.3500,
31.3100

■ 95.5030, 11.9520,
80.7840

■ 186.7410, 3.0680,
21.5000

■ 80.1970, 13.2340,
90.5940

■ 202.0470, 1.7860,
11.6900

67.8370, 14.6080,
98.7360

217.3530, 0.5040,
1.8800

232.3600, -1.3740,
-8.1420

244.7310, -1.2810,
-15.3370

247.1230, 3.4870,
-13.6410

249.2160, 7.6590,
-12.1570

Harmonies

Analogous

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



127.7290, -75.7470, 23.6530



141.1220, 7.5100, 51.1420



133.8820, 61.1520, 59.1680

Triad

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



141.1220, 7.5100, 51.1420



129.2880, 77.0770, -25.7310



115.5340, -99.3490, -33.2130

Complementary

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



141.1220, 7.5100, 51.1420



184.8780, -7.5100, -51.1420

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.



107.8790, -79.1720, -51.9720



141.1220, 7.5100, 51.1420



125.4800, 40.5850, -47.2150

Square

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



141.1220, 7.5100, 51.1420



131.4300, 89.8620, 12.4060



115.7560, -21.9060, -54.5620



120.4020, -115.8120, -15.6840

Rectangle

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



141.1220, 7.5100, 51.1420



129.6870, 83.3900, 52.6220



115.7560, -21.9060, -54.5620



113.2540, -92.9290, -39.4330

Sweetspot

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



141.1220, 7.5100, 51.1420



226.7470, 2.9310, 18.4750



143.6500, -48.1440, 13.4880



110.6340, 1.5110, 11.1670



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.



141.1220, 7.5100, 51.1420



145.8090, 10.6700, 70.9740



151.3720, 36.1650, 54.9570



102.3470, 0.6410, 4.9050



53.5090, 11.8150, 77.7590



14.2140, 3.1140, 20.6660

Inverse Universe

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



144.6460, 55.1040, 36.6080



150.5120, 76.5130, 50.6010



174.6280, -36.1650, -54.9570



102.7450, 5.2720, 3.5760



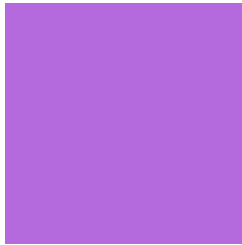
58.6810, 83.5270, 55.6470



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 141.1220, 7.5100, 51.1420 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 141.1220, 7.5100, 51.1420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

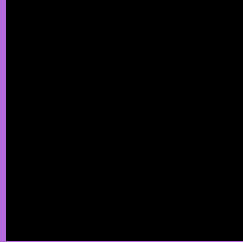
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 141.1220, 7.5100, 51.1420

Background



This preview shows how black text looks on a background with the YIQ color 141.1220, 7.5100, 51.1420.



This preview shows how white text looks on a background with the YIQ color 141.1220, 7.5100,

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

141.1220, 7.5100, 51.1420

Protanopia

131.8180, -65.7520, 24.2320

Deuteranopia

134.7040, -48.2360, 15.1560



Tritanopia

139.9860, 20.9510, 11.2790

Trichromacy



Original Color

141.1220, 7.5100, 51.1420



Protanomaly

135.3870, -39.2530, 34.0830



Deuteranomaly

136.8580, -27.6980, 28.4140



Tritanomaly

140.3190, 16.1800, 26.1640

Monochromacy



Original Color

141.1220, 7.5100, 51.1420



Achromatopsia

141.0000, -0.0000, -0.0000



Achromatomaly

140.8610, 2.6100, 18.7860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.1220, 7.5100, 51.1420 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(180, 106, 220)` looks like.

```
.text, #text, p{  
    color:rgb(180, 106, 220)  
}
```

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(180, 106, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 106, 220) }
```

Border

The CSS property to change the border of an element to YIQ 141.1220, 7.5100, 51.1420 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(180, 106, 220) }
```


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

```
.border{ border-color:rgb(180, 106, 220) }
```

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

Here you see how a box with a 4 pixel rgb(180, 106, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 106, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 106, 220);  
box-shadow:4px 4px 4px 4px rgb(180, 106,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 141.1220, 7.5100, 51.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 106, 220) }
```

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

```
.background{ background-color: rgb(180,  
106, 220) }
```

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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