

Converting Colors

YIQ(146.2140, 21.4500, 40.7940)

Have a look what the booklet for
YIQ(146.2140, 21.4500, 40.7940)
contains.

YIQ(146.2140, 21.4500, 40.7940)	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(146.2140, 21.4500,
40.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	C072C0
RGB	192, 114, 192
RGB Percent	75%, 45%, 75%
CMY	0.2468, 0.5531, 0.2470
CMYK	0.00, 0.41, 0.00, 0.25
HSL	300°, 38%, 60%
HSV	300°, 41%, 75%
XYZ	37.2821, 27.0476, 53.1286
YIQ	146.2140, 21.4500, 40.7940

Conversions

Conversions Part 2

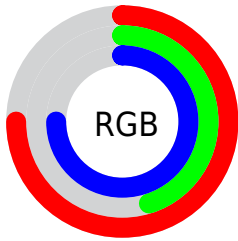
Format	Color
R _Y B	192, 114, 192
Decimal	12612288
CIE _{Lab}	59.02, 42.65, -28.11
CIE _{LCh}	59, 51.084, 326.612
Yxy	27.0476, 0.3174, 0.2303
Android (android.graphics.Color)	4290802368 (0xFFC072C0)
YUV	146.2140, 22.5725, 40.1543
Hunter-Lab	52.0073, 36.9473, -24.1632

Details

The YIQ color **146.2140, 21.4500, 40.7940** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **159.7860, -21.4500, -40.7940**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.7520, 22.8710, 42.5750**, and **93.6760, 20.0290, 39.0130** is the 20% darker color. If you saturate the color by 10%, you get **135.0610, 26.6750, 50.7310**, and if you desaturate by 10%, it is **157.3670, 16.2250, 30.8570**.

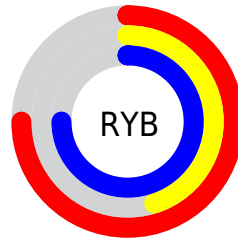
Distribution



Red (75%)

Green (45%)

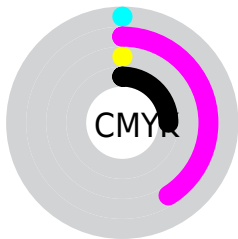
Blue (75%)



Red (75%)

Yellow (45%)

Blue (75%)

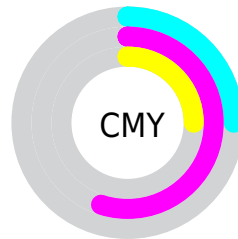


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.2140, 21.4500, 40.7940 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 146.2140, 21.4500, 40.7940 by changing the saturation by 10% instead.


 146.2140, 21.4500,
40.7940


 146.2140, 21.4500,
40.7940


255.0000, -0.0000,
-0.0000

 119.5020, 20.5790,
40.0590


 201.7520, 22.8710,
42.5750

 93.6760, 20.0290,
39.0130


 219.7800, 16.5000,
31.3800


 67.4910, 19.1120,
39.1120

 236.8030, 8.5250,
16.2130

 39.2570, 19.8910,
41.5150

253.8260, 0.5500,
1.0460

 24.9370, 14.6200,
32.4120

 16.1500, 9.1660,
21.1180

 2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 146.2140, 21.4500,
40.7940

■ 146.2140, 21.4500,
40.7940

■ 135.0610, 26.6750,
50.7310

■ 157.3670, 16.2250,
30.8570

■ 123.9080, 31.9000,
60.6680

■ 168.5200, 11.0000,
20.9200

■ 112.1680, 37.4000,
71.1280

■ 180.2600, 5.5000,
10.4600

■ 101.0150, 42.6250,
81.0650

■ 191.4130, 0.2750,
0.5230

■ 89.8620, 47.8500,
91.0020

■ 202.5660, -4.9500,
-9.4140

■ 79.2960, 52.8000,
100.4160

■ 213.7190,
-10.1750, -19.3510

■ 224.8720,
-15.4000, -29.2880

■ 228.9810,
-17.3250, -32.9490

Harmonies

Analogous

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



143.1570, -27.1020, 28.6260



146.2140, 21.4500, 40.7940



142.9390, 55.8370, 39.8450

Triad

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



146.2140, 21.4500, 40.7940



137.4930, 48.8790, -21.3050



116.9020, -103.2010, -29.4810

Complementary

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



146.2140, 21.4500, 40.7940



159.7860, -21.4500, -40.7940

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.



111.6580, -88.4350, -43.7870



146.2140, 21.4500, 40.7940



133.1080, 15.8700, -34.3220

Square

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



146.2140, 21.4500, 40.7940



139.9600, 67.3980, 1.0140



124.9250, -32.0870, -40.7510



117.9570, -113.0610, -15.9810

Rectangle

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



146.2140, 21.4500, 40.7940



141.3020, 67.5760, 30.8400



124.9250, -32.0870, -40.7510



115.1920, -98.3860, -34.1460

Sweetspot

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



146.2140, 21.4500, 40.7940



232.3900, 8.2500, 15.6900



122.8920, -25.0380, 24.2580



114.4340, 4.9500, 9.4140



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



146.2140, 21.4500, 40.7940



177.7990, 33.8250, 64.3290



141.7680, 33.9690, 28.6650



91.1300, 2.7500, 5.2300



66.4930, 44.2750, 84.2030



13.6290, 9.0750, 17.2590

Inverse Universe

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



146.2140, 21.4500, 40.7940



177.7990, 33.8250, 64.3290



164.2320, -33.9690, -28.6650



91.1300, 2.7500, 5.2300



66.4930, 44.2750, 84.2030



13.6290, 9.0750, 17.2590

Previews

White Background



This preview shows how the YIQ color 146.2140, 21.4500, 40.7940 looks on a white background.

Color Contrast Check

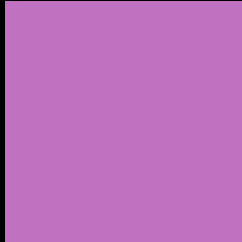
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.2140, 21.4500, 40.7940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

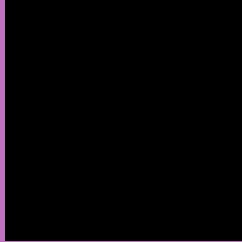
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.2140, 21.4500, 40.7940

Background



This preview shows how black text looks on a background with the YIQ color 146.2140, 21.4500, 40.7940.



This preview shows how white text looks on a background with the YIQ color 146.2140, 21.4500,

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

146.2140, 21.4500, 40.7940

Protanopia

141.7440, -36.5450, 18.0390

Deuteranopia

142.9660, -19.8550, 12.9210



Tritanopia

144.7810, 31.9540, 15.6180

Trichromacy



Original Color

146.2140, 21.4500, 40.7940

Protanomaly

143.6220, -15.4100, 25.9820

Deuteranomaly

144.4890, -4.9100, 22.9140

Tritanomaly

145.6100, 28.4220, 24.5660

Monochromacy



Original Color

146.2140, 21.4500, 40.7940

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9770, 7.9750, 15.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.2140, 21.4500, 40.7940 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(192, 114, 192)` looks like.

```
.text, #text, p{  
    color:rgb(192, 114, 192)  
}
```

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(192, 114, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 114, 192) }
```

Border

The CSS property to change the border of an element to YIQ 146.2140, 21.4500, 40.7940 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(192, 114, 192) }
```


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

```
.border{ border-color:rgb(192, 114, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 114, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 114, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 114, 192);  
box-shadow:4px 4px 4px 4px rgb(192, 114,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 146.2140, 21.4500, 40.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 114, 192) }
```

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

```
.background{ background-color: rgb(192,  
114, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor