

Converting Colors

YIQ(146.4790, 19.3860, 45.1620)

Have a look what the booklet for
YIQ(146.4790, 19.3860, 45.1620)
contains.

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Color

**YIQ(146.4790, 19.3860,
45.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	C170CA
RGB	193, 112, 202
RGB Percent	76%, 44%, 79%
CMY	0.2429, 0.5609, 0.2078
CMYK	0.04, 0.45, 0.00, 0.21
HSL	294°, 46%, 62%
HSV	294°, 45%, 79%
XYZ	38.4598, 27.1910, 59.0996
YIQ	146.4790, 19.3860, 45.1620

Conversions

Conversions Part 2

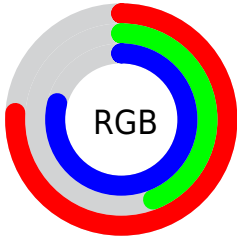
Format	Color
R_{YB}	193, 112, 202
Decimal	12677322
CIE _{Lab}	59.15, 45.90, -33.57
CIE _{LCh}	59, 56.866, 323.814
Yxy	27.1910, 0.3083, 0.2180
Android (android.graphics.Color)	4290867402 (0xFFC170CA)
YUV	146.4790, 27.3719, 40.7989
Hunter-Lab	52.1450, 40.3998, -30.6960

Details

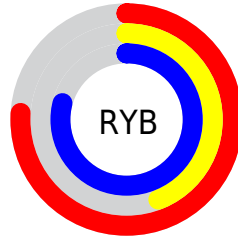
The YIQ color **146.4790, 19.3860, 45.1620** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **167.5210, -19.3860, -45.1620**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.5610, 22.0910, 45.6990**, and **93.3540, 18.2400, 43.9040** is the 20% darker color. If you saturate the color by 10%, you get **134.1410, 23.6940, 55.1980**, and if you desaturate by 10%, it is **158.8170, 15.0780, 35.1260**.

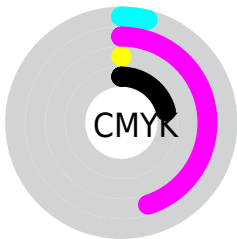
Distribution



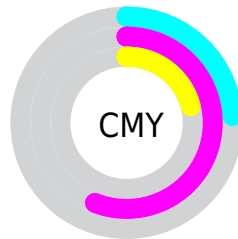
- Red (76%)
- Green (44%)
- Blue (79%)



- Red (76%)
- Yellow (44%)
- Blue (79%)



- Cyan (4%)
- Magenta (45%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (56%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.4790, 19.3860, 45.1620 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 146.4790, 19.3860, 45.1620 by changing the saturation by 10% instead.

146.4790, 19.3860,
45.1620

146.4790, 19.3860,
45.1620

255.0000, -0.0000,
-0.0000

119.6530, 18.8360,
44.1160

201.5610, 22.0910,
45.6990

93.3540, 18.2400,
43.9040

219.1930, 16.7750,
31.9030

66.9410, 17.9650,
43.3810

235.6290, 9.0750,
17.2590

36.9460, 19.5690,
47.3530

252.6520, 1.1000,
2.0920

25.8490, 12.0520,
34.9000

16.9480, 6.9190,
23.2950

3.6650, -8.9420,

7.8740

0.0000, 0.0000,
0.0000

146.4790, 19.3860,
45.1620

146.4790, 19.3860,
45.1620

134.1410, 23.6940,
55.1980

158.8170, 15.0780,
35.1260

121.8030, 28.0020,
65.2340

171.1550, 10.7700,
25.0900

108.8780, 32.5850,
75.7930

184.0800, 6.1870,
14.5310

96.5400, 36.8930,
85.8290

196.4180, 1.8790,
4.4950

84.2020, 41.2010,
95.8650

208.7560, -2.4290,
-5.5410

■ 77.4460, 43.6300,
101.4060

■ 221.0940, -6.7370,
-15.5770

■ 233.4320,
-11.0450, -25.6130

■ 235.2040,
-10.4030, -26.2350

■ 235.8020, -9.2110,
-25.8110

Harmonies

Analogous

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



142.1220, -37.1890, 29.7150



146.4790, 19.3860, 45.1620



142.4820, 58.8620, 45.5980

Triad

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



146.4790, 19.3860, 45.1620



136.6310, 57.1780, -23.0300



118.0760, -103.7510, -30.5270

Complementary

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



146.4790, 19.3860, 45.1620



167.5210, -19.3860, -45.1620

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.



112.2620, -87.3800, -46.3880



146.4790, 19.3860, 45.1620



132.8820, 22.1980, -38.8740

Square

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



146.4790, 19.3860, 45.1620



139.4340, 74.8710, 3.2470



122.7630, -31.8110, -45.7550



120.4020, -115.8120, -15.6840

Rectangle

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



146.4790, 19.3860, 45.1620



140.1120, 74.2230, 37.0310



122.7630, -31.8110, -45.7550



116.2520, -98.6150, -35.5030

Sweetspot

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



146.4790, 19.3860, 45.1620



234.7320, 7.2870, 16.6230



127.5430, -31.3650, 23.2830



114.7760, 3.9870, 10.3470



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.



146.4790, 19.3860, 45.1620



171.8680, 29.3770, 67.8490



145.0660, 36.3060, 35.8740



95.8310, 2.1540, 5.0180



63.4750, 35.5180, 83.2140



14.4980, 8.0660, 19.0260

Inverse Universe

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



139.9360, 50.7510, 21.8790



161.8470, 76.2870, 32.6630



168.9340, -36.3060, -35.8740



95.1040, 5.6390, 2.4310



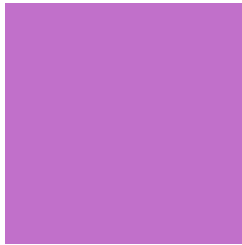
51.4580, 93.8000, 40.1680



11.8180, 21.3640, 9.3000

Previews

White Background



This preview shows how the YIQ color 146.4790, 19.3860, 45.1620 looks on a white background.

Color Contrast Check

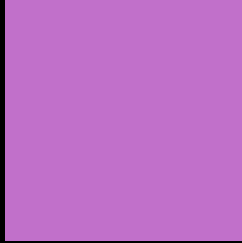
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.4790, 19.3860, 45.1620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

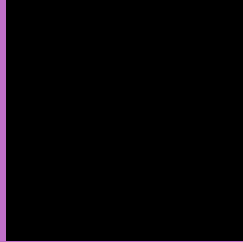
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.4790, 19.3860, 45.1620

Background



This preview shows how black text looks on a background with the YIQ color 146.4790, 19.3860, 45.1620.



This preview shows how white text looks on a background with the YIQ color 146.4790, 19.3860,

45.1620.

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

146.4790, 19.3860, 45.1620

Protanopia

141.0190, -44.5690, 20.2870

Deuteranopia

142.8990, -26.9160, 14.2360



Tritanopia

145.0690, 31.0830, 14.8830

Trichromacy



Original Color

146.4790, 19.3860, 45.1620

Protanomaly

143.2070, -21.3710, 29.3890

Deuteranomaly

143.8460, -10.2290, 25.6990

Tritanomaly

145.7670, 26.5420, 25.5980

Monochromacy



Original Color

146.4790, 19.3860, 45.1620

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.3190, 7.0120, 16.1000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.4790, 19.3860, 45.1620 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(193, 112, 202)` looks like.

```
.text, #text, p{  
    color:rgb(193, 112, 202)  
}
```

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(193, 112, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 112, 202) }
```

Border

The CSS property to change the border of an element to YIQ 146.4790, 19.3860, 45.1620 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(193, 112, 202) }
```


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

```
.border{ border-color:rgb(193, 112, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 112, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 112, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 112, 202);  
box-shadow:4px 4px 4px 4px rgb(193, 112,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 146.4790, 19.3860, 45.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 112, 202) }
```

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

```
.background{ background-color: rgb(193,  
112, 202) }
```

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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