

Converting Colors

YIQ(145.5770, 41.2160, 12.9600)

Have a look what the booklet for
YIQ(145.5770, 41.2160, 12.9600)
contains.

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Color

**YIQ(145.5770, 41.2160,
12.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	C17E7A
RGB	193, 126, 122
RGB Percent	76%, 49%, 48%
CMY	0.2430, 0.5060, 0.5214
CMYK	0.00, 0.35, 0.37, 0.24
HSL	3°, 36%, 62%
HSV	3°, 37%, 76%
XYZ	32.9753, 27.6634, 22.0278
YIQ	145.5770, 41.2160, 12.9600

Conversions

Conversions Part 2

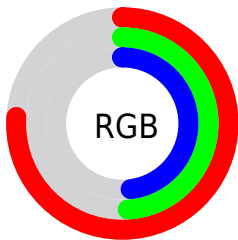
Format	Color
RYB	193, 126, 122
Decimal	12680826
CIELab	59.58, 25.54, 12.91
CIElCh	60, 28.619, 26.809
Yxy	27.6634, 0.3989, 0.3346
Android (android.graphics.Color)	4290870906 (0xFFC17E7A)
YUV	145.5770, -11.6235, 41.5900
Hunter-Lab	52.5960, 19.8682, 11.9860

Details

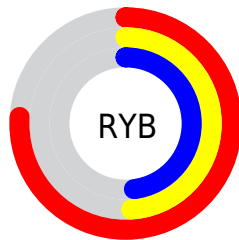
The YIQ color **145.5770, 41.2160, 12.9600** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **169.4230, -41.2160, -12.9600**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.9580, 44.5170, 13.7090**, and **93.8970, 37.3190, 11.9990** is the 20% darker color. If you saturate the color by 10%, you get **132.8450, 52.2650, 16.4650**, and if you desaturate by 10%, it is **158.3090, 30.1670, 9.4550**.

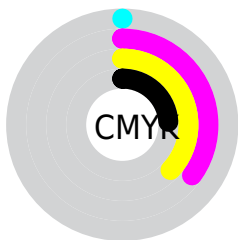
Distribution



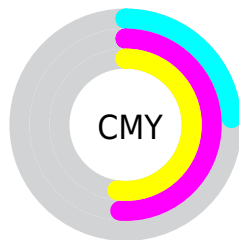
- Red (76%)
- Green (49%)
- Blue (48%)



- Red (76%)
- Yellow (49%)
- Blue (48%)



- Cyan (0%)
- Magenta (35%)
- Yellow (37%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.5770, 41.2160, 12.9600 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 145.5770, 41.2160, 12.9600 by changing the saturation by 10% instead.

■ 145.5770, 41.2160,
12.9600

■ 145.5770, 41.2160,
12.9600

■ 255.0000, -0.0000,
-0.0000

■ 119.6800, 39.4280,
12.3240

■ 199.9580, 44.5170,
13.7090

■ 93.8970, 37.3190,
11.9990

■ 220.7820, 30.2130,
8.6210

■ 69.2280, 34.8890,
11.9850

■ 240.4100, 13.5250,
2.6850

■ 45.5590, 32.4590,
11.9710

■ 21.7330, 31.9090,
10.9250

■ 11.1770, 21.7310,
8.1550

■ 0.0000, 0.0000,

0.0000

■ 145.5770, 41.2160,
12.9600

■ 145.5770, 41.2160,
12.9600

■ 132.8450, 52.2650,
16.4650

■ 158.3090, 30.1670,
9.4550

■ 119.9990, 63.6350,
19.6590

■ 171.1550, 18.7970,
6.2610

■ 106.6800, 74.9590,
23.6870

■ 184.4740, 7.4730,
2.2330

■ 93.9480, 86.0080,
27.1920

■ 197.2060, -3.5760,
-1.2720

■ 81.2160, 97.0570,
30.6970

■ 210.0520,
-14.9460, -4.4660

■ 68.3700, 108.4270,
33.8910

■ 222.7840,
-25.9950, -7.9710

■ 64.1640, 112.0030,
35.1630

■ 235.8750,
-36.6770, -12.6210

■ 236.4620,
-36.9520, -13.1440

Harmonies

Analogous

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



146.9430, 31.6780, 20.6220



145.5770, 41.2160, 12.9600



143.8290, 40.0260, 1.4820

Triad

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



145.5770, 41.2160, 12.9600



135.8000, -14.8970, -21.8810



139.6860, -39.7980, 5.4020

Complementary

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



145.5770, 41.2160, 12.9600



169.4230, -41.2160, -12.9600

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.



131.8310, -59.7400, -7.6440



145.5770, 41.2160, 12.9600



131.4410, -41.6270, -22.0350

Square

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



145.5770, 41.2160, 12.9600



139.5980, 9.2190, -18.4050



128.3110, -61.5720, -18.5000



145.1950, -13.0700, 16.6100

Rectangle

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



145.5770, 41.2160, 12.9600



142.9650, 33.4710, -6.3770



128.3110, -61.5720, -18.5000



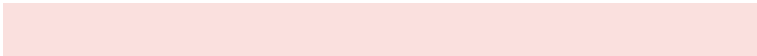
136.8590, -47.7750, 1.2890

Sweetspot

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



145.5770, 41.2160, 12.9600



231.5460, 16.1380, 4.8900



150.8670, 20.8090, 35.8890



114.3710, 9.2610, 2.8690



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.



145.5770, 41.2160, 12.9600



176.4120, 63.9100, 20.1820



166.1220, 31.5910, -5.3450



90.5770, 5.6850, 1.5970



53.4220, 93.4810, 29.4250



11.0410, 19.1180, 5.9500

Inverse Universe

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



169.4230, -41.2160, -12.9600



213.5880, -63.9100, -20.1820



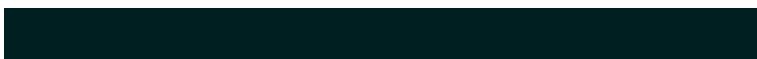
148.8780, -31.5910, 5.3450



93.4230, -5.6850, -1.5970



107.5780, -93.4810, -29.4250



21.9590, -19.1180, -5.9500

Previews

White Background



This preview shows how the YIQ color 145.5770, 41.2160, 12.9600 looks on a white background.

Color Contrast Check

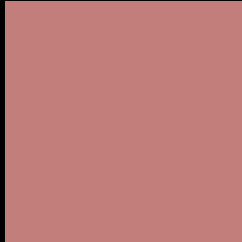
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.5770, 41.2160, 12.9600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

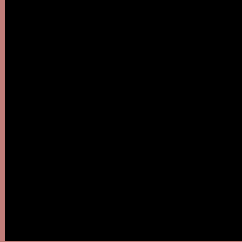
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.5770, 41.2160, 12.9600

Background



This preview shows how black text looks on a background with the YIQ color 145.5770, 41.2160, 12.9600.



This preview shows how white text looks on a background with the YIQ color 145.5770, 41.2160,

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

145.5770, 41.2160, 12.9600

Protanopia

143.7250, 8.0240, -2.2480

Deuteranopia

144.3200, 22.4660, 0.3380



Tritanopia

146.0700, 38.5100, 17.9500

Trichromacy



Original Color

145.5770, 41.2160, 12.9600

Protanomaly

144.6450, 20.1730, 3.3490

Deuteranomaly

145.0760, 29.2050, 4.8610

Tritanomaly

146.2010, 39.5190, 16.1830

Monochromacy



Original Color

145.5770, 41.2160, 12.9600

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9480, 14.9460, 4.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.5770, 41.2160, 12.9600 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, 126, 122)` looks like.

```
.text, #text, p{  
    color:rgb(193, 126, 122)  
}
```

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, 126, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 126, 122) }
```

Border

The CSS property to change the border of an element to YIQ 145.5770, 41.2160, 12.9600 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, 126, 122) }
```


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

```
.border{ border-color:rgb(193, 126, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 126, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 126, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 126, 122);  
box-shadow:4px 4px 4px 4px rgb(193, 126,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 145.5770, 41.2160, 12.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 126, 122) }
```

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

```
.background{ background-color: rgb(193,  
126, 122) }
```

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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