

Converting Colors

YIQ(168.3790, 42.3140, 26.1060)

Have a look what the booklet for
YIQ(168.3790, 42.3140, 26.1060)
contains.

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Color

**YIQ(168.3790, 42.3140,
26.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	E18CA6
RGB	225, 140, 166
RGB Percent	88%, 55%, 65%
CMY	0.1174, 0.4511, 0.3489
CMYK	0.00, 0.38, 0.26, 0.12
HSL	342°, 59%, 72%
HSV	342°, 38%, 88%
XYZ	47.3280, 37.5168, 40.8415
YIQ	168.3790, 42.3140, 26.1060

Conversions

Conversions Part 2

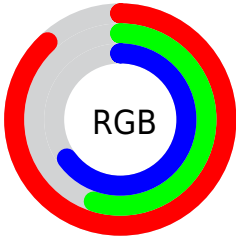
Format	Color
R _Y B	225, 140, 166
Decimal	14781606
CIE Lab	67.66, 35.69, 0.01
CIE LCh	68, 35.689, 0.015
Yxy	37.5168, 0.3766, 0.2985
Android (android.graphics.Color)	4292971686 (0xFFE18CA6)
YUV	168.3790, -1.1728, 49.6566
Hunter-Lab	61.2510, 30.7359, 3.3417

Details

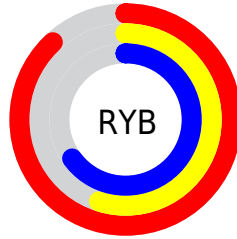
The YIQ color **168.3790, 42.3140, 26.1060** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **196.6210, -42.3140, -26.1060**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.9040, 27.4140, 20.8060**, and **114.8840, 39.3340, 25.0460** is the 20% darker color. If you saturate the color by 10%, you get **153.0540, 53.7750, 33.1590**, and if you desaturate by 10%, it is **183.1170, 31.1280, 19.5760**.

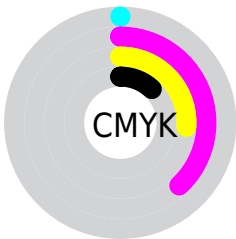
Distribution



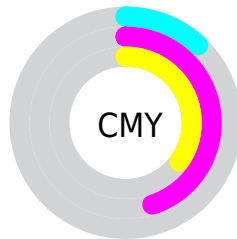
- Red (88%)
- Green (55%)
- Blue (65%)



- Red (88%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (38%)
- Yellow (26%)
- Black (12%)





- Cyan (12%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.3790, 42.3140, 26.1060 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 168.3790, 42.3140, 26.1060 by changing the saturation by 10% instead.


 168.3790, 42.3140,
26.1060


 168.3790, 42.3140,
26.1060


255.0000, -0.0000,
-0.0000


 141.4820, 40.5260,
25.4700


 215.9040, 27.4140,
20.8060


 114.8840, 39.3340,
25.0460


 235.6460, 10.4050,
15.1810

 89.1010, 37.2250,
24.7210

 253.2390, 0.8250,
1.5690

 63.6170, 35.7120,
24.6080

 37.4860, 34.7030,
26.3750

 20.9750, 28.6520,
20.3960

 11.7750, 22.9230,

8.5790

0.0000, 0.0000,
0.0000

168.3790, 42.3140,
26.1060

168.3790, 42.3140,
26.1060

153.0540, 53.7750,
33.1590

183.1170, 31.1280,
19.5760

138.4300, 64.6400,
40.0000

198.3280, 19.9880,
12.2120

123.1050, 76.1010,
47.0530

213.0660, 8.8020,
5.6820

108.4810, 86.9660,
53.8940

228.2770, -2.3380,
-1.6820

93.1560, 98.4270,
60.9470

243.0150,
-13.5240, -8.2120

■ 78.4180, 109.6130,
67.4770

■ 246.0300,
-17.8800, -6.3600

■ 75.1410, 111.9510,
69.1590

Harmonies

Analogous

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



169.4550, 18.7930, 28.3690



168.3790, 42.3140, 26.1060



167.0900, 52.9530, 15.0090

Triad

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



168.3790, 42.3140, 26.1060



159.6100, 8.9450, -24.4550



148.1150, -81.1510, -10.5830

Complementary

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



168.3790, 42.3140, 26.1060



196.6210, -42.3140, -26.1060

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.



139.3550, -91.2350, -26.0750



168.3790, 42.3140, 26.1060



154.2070, -23.6530, -28.3970

Square

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



168.3790, 42.3140, 26.1060



162.6950, 33.9310, -14.7170



147.0580, -59.7820, -28.9180



160.3030, -48.7850, 8.5830

Rectangle

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



168.3790, 42.3140, 26.1060



165.6950, 52.2670, 5.4110



147.0580, -59.7820, -28.9180



143.7070, -88.9900, -17.1980

Sweetspot

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



168.3790, 42.3140, 26.1060



236.3980, 13.7990, 8.7350



167.0320, 7.2830, 38.7310



116.6530, 8.5270, 5.1590



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.



168.3790, 42.3140, 26.1060



178.3750, 57.3050, 35.2650



174.8070, 46.2600, 9.6520



104.6310, 5.5930, 3.2650



58.7800, 87.5620, 54.1060



16.0620, 23.7930, 14.8410

Inverse Universe

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



168.3790, 42.3140, 26.1060



178.3750, 57.3050, 35.2650



190.1930, -46.2600, -9.6520



104.6310, 5.5930, 3.2650



58.7800, 87.5620, 54.1060



16.0620, 23.7930, 14.8410

Previews

White Background



This preview shows how the YIQ color 168.3790, 42.3140, 26.1060 looks on a white background.

Color Contrast Check

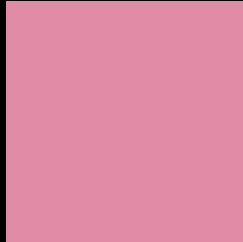
Large Text (above 18pt) WCAG AA × Fail

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 168.3790, 42.3140, 26.1060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

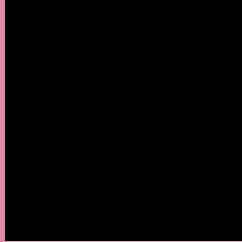
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.3790, 42.3140, 26.1060

Background



This preview shows how black text looks on a background with the YIQ color 168.3790, 42.3140, 26.1060.



This preview shows how white text looks on a background with the YIQ color 168.3790, 42.3140,

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

168.3790, 42.3140, 26.1060

Protanopia

165.8240, -5.1360, 4.9760

Deuteranopia

166.9200, 12.1490, 5.5970



Tritanopia

167.7720, 45.3410, 20.8050

Trichromacy



Original Color

168.3790, 42.3140, 26.1060

Protanomaly

166.5490, 12.0560, 12.7920

Deuteranomaly

167.7090, 23.2890, 12.9610

Tritanomaly

167.7550, 44.0110, 22.8830

Monochromacy



Original Color

168.3790, 42.3140, 26.1060

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.2950, 15.5870, 9.3710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3790, 42.3140, 26.1060 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(225, 140, 166)` looks like.

```
.text, #text, p{  
    color:rgb(225, 140, 166)  
}
```

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(225, 140, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 140, 166) }
```

Border

The CSS property to change the border of an element to YIQ 168.3790, 42.3140, 26.1060 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(225, 140, 166) }
```


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

```
.border{ border-color:rgb(225, 140, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 140, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 140, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 140, 166);  
box-shadow:4px 4px 4px 4px rgb(225, 140,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3790, 42.3140, 26.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 140, 166) }
```

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

```
.background{ background-color: rgb(225,  
140, 166) }
```

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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