

Converting Colors

YIQ(188.1640, -2.6170, 19.9030)

Have a look what the booklet for
YIQ(188.1640, -2.6170, 19.9030)
contains.

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Color

**YIQ(188.1640, -2.6170,
19.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B0E1
RGB	198, 176, 225
RGB Percent	78%, 69%, 88%
CMY	0.2234, 0.3098, 0.1177
CMYK	0.12, 0.22, 0.00, 0.12
HSL	267°, 45%, 79%
HSV	267°, 22%, 88%
XYZ	52.4067, 48.4913, 77.8230
YIQ	188.1640, -2.6170, 19.9030

Conversions

Conversions Part 2

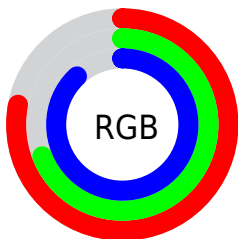
Format	Color
R_{YB}	198, 176, 225
Decimal	13021409
CIE _{Lab}	75.13, 17.18, -21.69
CIE _{LCh}	75, 27.673, 308.387
Yxy	48.4913, 0.2932, 0.2713
Android (android.graphics.Color)	4291211489 (0xFFC6B0E1)
YUV	188.1640, 18.1601, 8.6262
Hunter-Lab	69.6357, 12.4739, -17.5159

Details

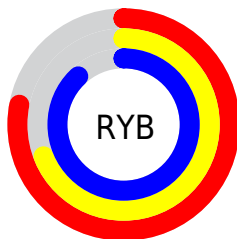
The YIQ color $188.1640, -2.6170, 19.9030$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $212.8360, 2.6170, -19.9030$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.4990, 6.3250, 12.0290$, and $134.6370, -2.5710, 19.0690$ is the 20% darker color. If you saturate the color by 10%, you get $171.0750, -3.4440, 29.3880$, and if you desaturate by 10%, it is $204.6660, -1.5150, 10.9410$.

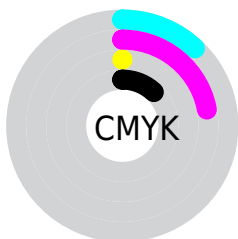
Distribution



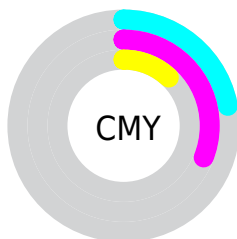
- Red (78%)
- Green (69%)
- Blue (88%)



- Red (78%)
- Yellow (69%)
- Blue (88%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (31%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.1640, -2.6170, 19.9030 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 188.1640, -2.6170, 19.9030 by changing the saturation by 10% instead.

■ 188.1640, -2.6170,
19.9030

■ 188.1640, -2.6170,
19.9030

255.0000, -0.0000,
-0.0000

■ 161.0500, -2.2960,
19.5920

■ 241.4990, 6.3250,
12.0290

■ 134.6370, -2.5710,
19.0690

■ 109.1100, -2.5250,
18.2350

■ 84.5830, -2.4790,
17.4010

■ 61.7570, -3.0290,
16.3550

■ 38.9310, -3.5790,
15.3090

■ 17.1160, -2.6620,

15.2100

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 188.1640, -2.6170,
19.9030

■ 188.1640, -2.6170,
19.9030

■ 171.0750, -3.4440,
29.3880

■ 204.6660, -1.5150,
10.9410

■ 154.2740, -5.1420,
38.1380

■ 222.0540, -0.0920,
1.6680

■ 137.1850, -5.9690,
47.6230

■ 238.5560, 1.0100,
-7.2940

■ 120.3840, -7.6670,
56.3730

■ 249.4870, 5.4580,
-10.8140

■ 103.8820, -8.7690,
65.3350

■ 251.5800, 9.6300,
-9.3300

■ 86.7930, -9.5960,
74.8200

■ 69.9920, -11.2940,
83.5700

■ 55.8490, -12.0290,
91.3870

Harmonies

Analogous

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



184.1220, -29.1620, 10.8860



188.1640, -2.6170, 19.9030



189.4350, 21.5450, 22.5450

Triad

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



188.1640, -2.6170, 19.9030



185.4110, 38.1470, -3.0130



173.2710, -46.9000, -20.0840

Complementary

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



188.1640, -2.6170, 19.9030



212.8360, 2.6170, -19.9030

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.



176.5970, -24.5710, -22.7710



188.1640, -2.6170, 19.9030



183.0620, 22.6520, -14.0520

Square

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



188.1640, -2.6170, 19.9030



187.4260, 42.9590, 8.9030



179.9390, 0.8290, -20.5390



173.7400, -58.2260, -13.0580

Rectangle

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



188.1640, -2.6170, 19.9030



189.3130, 33.5120, 20.4240



179.9390, 0.8290, -20.5390



174.1530, -40.7560, -21.3000

Sweetspot

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



188.1640, -2.6170, 19.9030



241.4440, -1.0100, 7.2940



198.0220, -23.4290, 0.5950



119.7490, -0.5510, 4.4810



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.



188.1640, -2.6170, 19.9030



205.4940, -3.3060, 26.8860



195.3400, 11.6870, 24.9910



103.7490, -0.5510, 4.4810



43.6850, -9.4120, 71.4840



12.0500, -2.2960, 19.5920

Inverse Universe

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



193.7290, 20.5370, 18.7850



212.8380, 27.7800, 25.1880



205.6600, -11.6870, -24.9910



104.9730, 4.6300, 4.1980



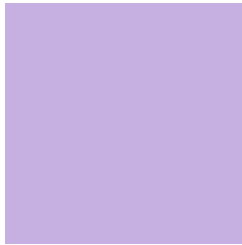
63.6820, 73.7590, 67.4790



17.4300, 19.9410, 18.5730

Previews

White Background



This preview shows how the YIQ color 188.1640, -2.6170, 19.9030 looks on a white background.

Color Contrast Check

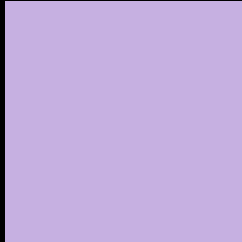
Large Text (above 18pt) WCAG AA × Fail

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 188.1640, -2.6170, 19.9030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

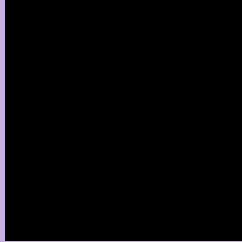
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.1640, -2.6170, 19.9030

Background



This preview shows how black text looks on a background with the YIQ color 188.1640, -2.6170, 19.9030.



This preview shows how white text looks on a background with the YIQ color 188.1640, -2.6170,

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

188.1640, -2.6170, 19.9030

Protanopia

185.6670, -20.4510, 12.7090

Deuteranopia

186.7990, -12.0150, 14.0090



Tritanopia

186.2980, 2.3370, 7.2090

Trichromacy



Original Color

188.1640, -2.6170, 19.9030

Protanomaly

186.3690, -13.6200, 15.5640

Deuteranomaly

187.1200, -8.4850, 16.1150

Tritanomaly

186.9760, 0.5480, 12.1000

Monochromacy



Original Color

188.1640, -2.6170, 19.9030

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.3300, -0.6890, 6.9830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.1640, -2.6170, 19.9030 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(198, 176, 225)` looks like.

```
.text, #text, p{  
    color:rgb(198, 176, 225)  
}
```

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(198, 176, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 176, 225) }
```

Border

The CSS property to change the border of an element to YIQ 188.1640, -2.6170, 19.9030 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(198, 176, 225) }
```


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

```
.border{ border-color:rgb(198, 176, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 176, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 176, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 176, 225);  
box-shadow:4px 4px 4px 4px rgb(198, 176,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 188.1640, -2.6170, 19.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 176, 225) }
```

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

```
.background{ background-color: rgb(198,  
176, 225) }
```

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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