

Converting Colors

YIQ(197.2170, 16.2270, 19.8030)

Have a look what the booklet for
YIQ(197.2170, 16.2270, 19.8030)
contains.

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Color

**YIQ(197.2170, 16.2270,
19.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B4D5
RGB	225, 180, 213
RGB Percent	88%, 71%, 84%
CMY	0.1175, 0.2942, 0.1647
CMYK	0.00, 0.20, 0.05, 0.12
HSL	316°, 43%, 79%
HSV	316°, 20%, 88%
XYZ	59.3904, 53.4523, 70.1445
YIQ	197.2170, 16.2270, 19.8030

Conversions

Conversions Part 2

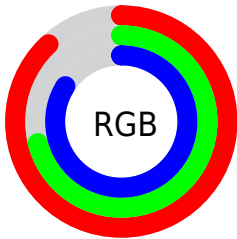
Format	Color
R _Y B	225, 180, 213
Decimal	14791893
CIE Lab	78.14, 21.68, -10.42
CIE LCh	78, 24.053, 334.329
Yxy	53.4523, 0.3246, 0.2921
Android (android.graphics.Color)	4292981973 (0xFFE1B4D5)
YUV	197.2170, 7.7810, 24.3657
Hunter-Lab	73.1111, 17.0568, -5.7065

Details

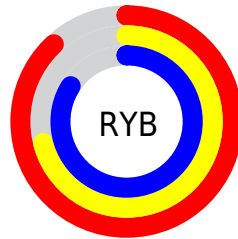
The YIQ color $197.2170, 16.2270, 19.8030$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $207.7830, -16.2270, -19.8030$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.8470, 5.2250, 9.9370$, and $143.0920, 15.0810, 18.5450$ is the 20% darker color. If you saturate the color by 10%, you get $183.0320, 24.4780, 29.9660$, and if you desaturate by 10%, it is $210.8150, 8.2510, 10.1630$.

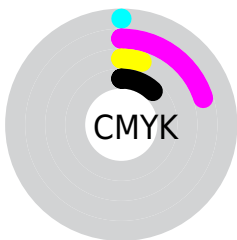
Distribution



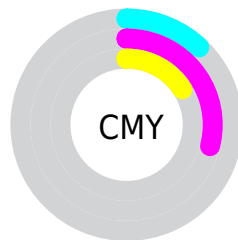
- Red (88%)
- Green (71%)
- Blue (84%)



- Red (88%)
- Yellow (71%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (12%)





- Cyan (12%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.2170, 16.2270, 19.8030 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 197.2170, 16.2270, 19.8030 by changing the saturation by 10% instead.


 197.2170, 16.2270,
19.8030


 197.2170, 16.2270,
19.8030


255.0000, -0.0000,
-0.0000


 169.8040, 15.9520,
19.2800


 243.8470, 5.2250,
9.9370

 143.0920, 15.0810,
18.5450

 117.6790, 14.8060,
18.0220

 92.3800, 14.2100,
17.8100

 68.6680, 13.3390,
17.0750

 45.6570, 11.8720,
16.1280

 23.3580, 11.2760,

15.9160

■ 8.8150, 8.2510,
10.1630

■ 0.0000, 0.0000,
0.0000

■ 197.2170, 16.2270,
19.8030

■ 197.2170, 16.2270,
19.8030

■ 183.0320, 24.4780,
29.9660

■ 210.8150, 8.2510,
10.1630

■ 169.4340, 32.4540,
39.6060

■ 225.0000, -0.0000,
-0.0000

■ 155.2490, 40.7050,
49.7690

■ 238.5980, -7.9760,
-9.6400

■ 141.6510, 48.6810,
59.4090

■ 243.9780,
-12.1020, -11.9580

■ 127.4660, 56.9320,
69.5720

■ 244.6620,
-14.0280, -10.0920

■ 113.8680, 64.9080,
79.2120

■ 245.3460,
-15.9540, -8.2260

■ 99.6830, 73.1590,
89.3750

■ 246.0300,
-17.8800, -6.3600

■ 86.0850, 81.1350,
99.0150

Harmonies

Analogous

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



195.5010, -5.1840, 16.8640



197.2170, 16.2270, 19.8030



196.8350, 31.8620, 17.2860

Triad

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



197.2170, 16.2270, 19.8030



192.1700, 22.4680, -10.7160



184.3560, -48.2770, -11.6450

Complementary

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



197.2170, 16.2270, 19.8030



207.7830, -16.2270, -19.8030

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.



184.2290, -37.9140, -17.7380



197.2170, 16.2270, 19.8030



189.6020, 3.3960, -17.5000

Square

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



197.2170, 16.2270, 19.8030



194.0240, 34.9830, -0.7370



186.4130, -18.0610, -19.6050



187.6050, -44.2440, -2.1320

Rectangle

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



197.2170, 16.2270, 19.8030



196.0110, 36.9980, 12.3100



186.4130, -18.0610, -19.6050



184.1450, -46.3050, -14.3450

Sweetspot

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



197.2170, 16.2270, 19.8030



245.7390, 5.4090, 6.6010



188.7180, -7.2930, 16.5390



122.3750, 3.4380, 3.7740



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.



197.2170, 16.2270, 19.8030



217.3690, 21.9110, 26.9270



194.5950, 23.6100, 12.6500



105.2010, 3.9880, 4.8200



67.3300, 63.4870, 77.4310



18.4560, 17.0520, 21.3720

Inverse Universe

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



197.2170, 16.2270, 19.8030



217.3690, 21.9110, 26.9270



210.4050, -23.6100, -12.6500



105.2010, 3.9880, 4.8200



67.3300, 63.4870, 77.4310



18.4560, 17.0520, 21.3720

Previews

White Background



This preview shows how the YIQ color 197.2170, 16.2270, 19.8030 looks on a white background.

Color Contrast Check

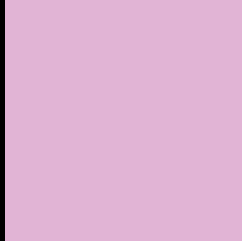
Large Text (above 18pt) WCAG AA × Fail

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 197.2170, 16.2270, 19.8030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

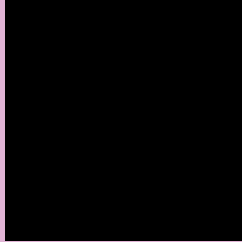
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.2170, 16.2270, 19.8030

Background



This preview shows how black text looks on a background with the YIQ color 197.2170, 16.2270, 19.8030.



This preview shows how white text looks on a background with the YIQ color 197.2170, 16.2270,

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

197.2170, 16.2270, 19.8030

Protanopia

194.4090, -11.0970, 8.3830

Deuteranopia

195.4060, 2.1530, 10.5450



Tritanopia

196.5560, 19.3460, 12.8340

Trichromacy



Original Color

197.2170, 16.2270, 19.8030

Protanomaly

195.6060, -1.2860, 12.2980

Deuteranomaly

196.1510, 7.4250, 14.1210

Tritanomaly

196.9520, 18.2910, 15.4350

Monochromacy



Original Color

197.2170, 16.2270, 19.8030

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1520, 5.6840, 7.1240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.2170, 16.2270, 19.8030 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, 180, 213)` looks like.

```
.text, #text, p{  
    color:rgb(225, 180, 213)  
}
```

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, 180, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 180, 213) }
```

Border

The CSS property to change the border of an element to YIQ 197.2170, 16.2270, 19.8030 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, 180, 213) }
```


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

```
.border{ border-color:rgb(225, 180, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 180, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 180, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 180, 213);  
box-shadow:4px 4px 4px 4px rgb(225, 180,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 197.2170, 16.2270, 19.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 180, 213) }
```

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

```
.background{ background-color: rgb(225,  
180, 213) }
```

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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