

Converting Colors

YIQ(196.2080, 3.2510, 23.6910)

Have a look what the booklet for
YIQ(196.2080, 3.2510, 23.6910)
contains.

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Color

**YIQ(196.2080, 3.2510,
23.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B4E9
RGB	214, 180, 233
RGB Percent	84%, 71%, 91%
CMY	0.1607, 0.2942, 0.0863
CMYK	0.08, 0.23, 0.00, 0.09
HSL	279°, 55%, 81%
HSV	279°, 23%, 91%
XYZ	58.7654, 52.8201, 84.1834
YIQ	196.2080, 3.2510, 23.6910

Conversions

Conversions Part 2

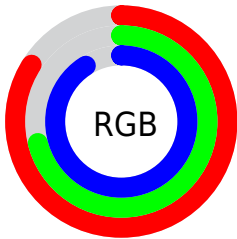
Format	Color
R _Y B	214, 180, 233
Decimal	14071017
CIE Lab	77.77, 21.78, -21.89
CIE LCh	78, 30.882, 314.852
Yxy	52.8201, 0.3002, 0.2698
Android (android.graphics.Color)	4292261097 (0xFFD6B4E9)
YUV	196.2080, 18.1385, 15.6036
Hunter-Lab	72.6774, 17.1457, -17.8024

Details

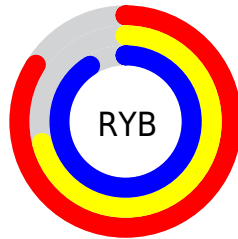
The YIQ color $196.2080, 3.2510, 23.6910$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $216.7920, -3.2510, -23.6910$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.8470, 5.2250, 9.9370$, and $142.2680, 3.0220, 22.3340$ is the 20% darker color. If you saturate the color by 10%, you get $180.3150, 4.8080, 34.0240$, and if you desaturate by 10%, it is $212.1010, 1.6940, 13.3580$.

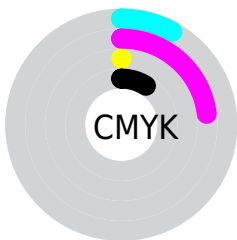
Distribution



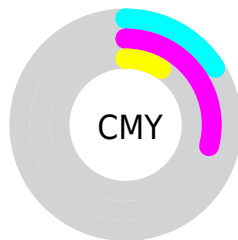
- Red (84%)
- Green (71%)
- Blue (91%)



- Red (84%)
- Yellow (71%)
- Blue (91%)



- Cyan (8%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.2080, 3.2510, 23.6910 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 196.2080, 3.2510, 23.6910 by changing the saturation by 10% instead.


 196.2080, 3.2510,
23.6910

 196.2080, 3.2510,
23.6910


255.0000, -0.0000,
-0.0000


 168.7950, 2.9760,
23.1680

 243.8470, 5.2250,
9.9370

 142.2680, 3.0220,
22.3340

 116.4420, 2.4720,
21.2880

 91.9150, 2.5180,
20.4540

 67.5020, 2.2430,
19.9310

 44.6760, 1.6930,
18.8850

 22.8500, 1.1430,

17.8390

■ 6.5240, -3.9910,
11.7610

■ 0.2280, -0.6420,
0.6220

■ 196.2080, 3.2510,
23.6910

■ 196.2080, 3.2510,
23.6910

■ 180.3150, 4.8080,
34.0240

■ 212.1010, 1.6940,
13.3580

■ 163.5360, 6.0440,
44.6680

■ 228.8800, 0.4580,
2.7140

■ 147.6430, 7.6010,
55.0010

■ 244.7730, -1.0990,
-7.6190

■ 131.7500, 9.1580,
65.3340

■ 250.1000, 2.2940,
-8.5380

■ 114.9710, 10.3940,
75.9780

■ 252.4920, 7.0620,
-6.8420

■ 99.0780, 11.9510,
86.3110

■ 83.1850, 13.5080,
96.6440

■ 71.4120, 14.6070,
104.2630

Harmonies

Analogous

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



192.3120, -26.6410, 14.7590



196.2080, 3.2510, 23.6910



197.0230, 28.6970, 25.0890

Triad

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



196.2080, 3.2510, 23.6910



191.7870, 39.8440, -6.2360



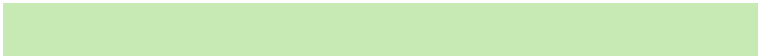
177.8720, -58.9580, -21.8220

Complementary

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



196.2080, 3.2510, 23.6910



216.7920, -3.2510, -23.6910

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.



181.3400, -34.1530, -25.3290



196.2080, 3.2510, 23.6910



189.1710, 20.7270, -17.7130

Square

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



196.2080, 3.2510, 23.6910



193.7100, 47.9110, 7.2630



186.0090, -5.3600, -24.0160



179.3630, -67.3500, -12.9020

Rectangle

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



196.2080, 3.2510, 23.6910



196.0750, 40.1140, 21.9220



186.0090, -5.3600, -24.0160



178.8250, -51.5760, -23.4480

Sweetspot

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



196.2080, 3.2510, 23.6910



242.6400, 1.3740, 8.1420



197.1950, -22.2380, 6.5460



120.3470, 0.6410, 4.9050



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.



196.2080, 3.2510, 23.6910



207.0220, 4.0750, 30.7870



201.0910, 16.8220, 25.5420



109.3470, 0.6410, 4.9050



55.3180, 11.0350, 80.8830



16.3220, 2.9300, 24.0020

Inverse Universe

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



198.0130, 25.4890, 17.1450



209.4810, 33.0990, 22.4030



211.9090, -16.8220, -25.5420



109.7450, 5.2720, 3.5760



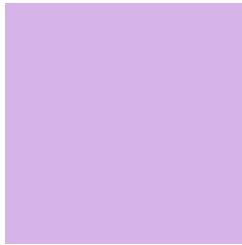
61.5290, 87.0110, 58.5870



18.3120, 26.0850, 17.3570

Previews

White Background



This preview shows how the YIQ color 196.2080, 3.2510, 23.6910 looks on a white background.

Color Contrast Check

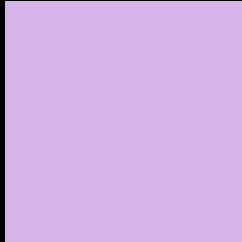
Large Text (above 18pt) WCAG AA × Fail

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 196.2080, 3.2510, 23.6910 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 196.2080, 3.2510, 23.6910

Background



This preview shows how black text looks on a background with the YIQ color 196.2080, 3.2510, 23.6910.



This preview shows how white text looks on a background with the YIQ color 196.2080, 3.2510,

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

196.2080, 3.2510, 23.6910

Protanopia

192.7100, -22.0100, 13.4300

Deuteranopia

194.0980, -11.4190, 14.2210



Tritanopia

194.4730, 9.2140, 9.2300

Trichromacy



Original Color

196.2080, 3.2510, 23.6910

Protanomaly

193.6080, -12.7950, 17.1330

Deuteranomaly

194.8430, -6.1470, 17.7970

Tritanomaly

195.2650, 7.1040, 14.4320

Monochromacy



Original Color

196.2080, 3.2510, 23.6910

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.0530, 1.6490, 8.6650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.2080, 3.2510, 23.6910 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(214, 180, 233)` looks like.

```
.text, #text, p{  
    color:rgb(214, 180, 233)  
}
```

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(214, 180, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 180, 233) }
```

Border

The CSS property to change the border of an element to YIQ 196.2080, 3.2510, 23.6910 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(214, 180, 233) }
```


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

```
.border{ border-color:rgb(214, 180, 233) }
```

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

Here you see how a box with a 4 pixel rgb(214, 180, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 180, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 180, 233);  
box-shadow:4px 4px 4px 4px rgb(214, 180,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 196.2080, 3.2510, 23.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 180, 233) }
```

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

```
.background{ background-color: rgb(214,  
180, 233) }
```

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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