

Converting Colors

YIQ(205.4180, -6.1480, 23.3240)

Have a look what the booklet for
YIQ(205.4180, -6.1480, 23.3240)
contains.

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Color

**YIQ(205.4180, -6.1480,
23.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C0FC
RGB	214, 192, 252
RGB Percent	84%, 75%, 99%
CMY	0.1607, 0.2471, 0.0118
CMYK	0.15, 0.24, 0.00, 0.01
HSL	262°, 91%, 87%
HSV	262°, 24%, 99%
XYZ	64.1537, 59.0220, 100.0916
YIQ	205.4180, -6.1480, 23.3240

Conversions

Conversions Part 2

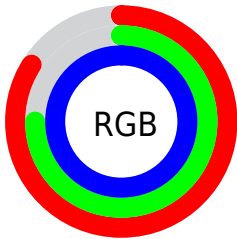
Format	Color
R _Y B	214, 192, 252
Decimal	14074108
CIE Lab	81.30, 19.18, -26.70
CIE LCh	81, 32.877, 305.696
Yxy	59.0220, 0.2873, 0.2644
Android (android.graphics.Color)	4292264188 (0xFFD6C0FC)
YUV	205.4180, 22.9649, 7.5264
Hunter-Lab	76.8258, 14.6121, -23.4672

Details

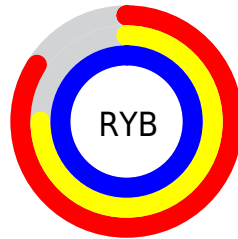
The YIQ color $205.4180, -6.1480, 23.3240$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $238.5820, 6.1480, -23.3240$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8910, 1.9250, 3.6610$, and $150.7770, -5.7810, 22.1790$ is the 20% darker color. If you saturate the color by 10%, you get $185.9590, -8.8090, 33.0070$, and if you desaturate by 10%, it is $224.8770, -3.4870, 13.6410$.

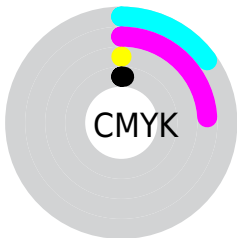
Distribution



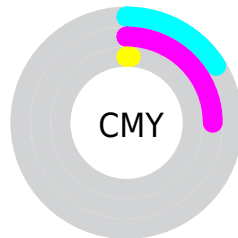
- Red (84%)
- Green (75%)
- Blue (99%)



- Red (84%)
- Yellow (75%)
- Blue (99%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)
- Black (1%)



- Cyan (16%)
- Magenta (25%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.4180, -6.1480, 23.3240 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 205.4180, -6.1480, 23.3240 by changing the saturation by 10% instead.

■ 205.4180, -6.1480,
23.3240

■ 205.4180, -6.1480,
23.3240

■ 255.0000, -0.0000,
-0.0000

■ 177.8910, -6.1020,
22.4900

■ 250.8910, 1.9250,
3.6610

■ 150.7770, -5.7810,
22.1790

■ 124.9510, -6.3310,
21.1330

■ 99.4240, -6.2850,
20.2990

■ 75.5980, -6.8350,
19.2530

■ 52.6580, -7.0640,
17.8960

■ 30.7180, -7.2930,

16.5390

■ 9.9140, -4.9090,
17.3870

■ 3.2090, -7.6580,
6.6300

■ 205.4180, -6.1480,
23.3240

■ 205.4180, -6.1480,
23.3240

■ 185.9590, -8.8090,
33.0070

■ 224.8770, -3.4870,
13.6410

■ 166.5000,
-11.4700, 42.6900

■ 244.3360, -0.8260,
3.9580

■ 146.4540,
-13.8560, 52.8960

■ 254.6580, 0.9630,
-0.9330

■ 126.9950,
-16.5170, 62.5790

■ 107.5360,
-19.1780, 72.2620

■ 88.0770, -21.8390,
81.9450

■ 68.6180, -24.5000,
91.6280

■ 56.5350, -25.4640,
98.0880

Harmonies

Analogous

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



199.3600, -35.7640, 9.3880



205.4180, -6.1480, 23.3240



206.9670, 23.1030, 27.3510

Triad

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



205.4180, -6.1480, 23.3240



202.7170, 46.0330, -2.7590



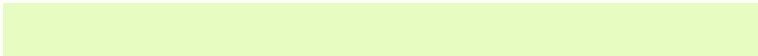
187.1340, -56.9400, -25.3560

Complementary

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



205.4180, -6.1480, 23.3240



238.5820, 6.1480, -23.3240

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.



191.9940, -27.3670, -27.1670



205.4180, -6.1480, 23.3240



199.8300, 29.1170, -15.5790

Square

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



205.4180, -6.1480, 23.3240



202.8180, 47.7270, 10.5990



196.0870, 3.1680, -24.3840



186.3790, -73.4470, -18.0470

Rectangle

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



205.4180, -6.1480, 23.3240



205.6170, 35.7120, 24.6080



196.0870, 3.1680, -24.3840



188.5710, -48.0450, -26.8690

Sweetspot

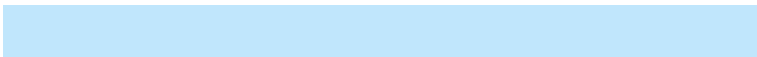
The Sweet Spot groups the original color and five complimentary colors.



205.4180, -6.1480, 23.3240



241.1450, -1.6060, 7.0820



221.1460, -29.7100, -1.2140



119.4500, -1.1470, 4.2690



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.



205.4180, -6.1480, 23.3240



197.5090, -7.6620, 28.7380



214.3880, 11.7320, 29.6840



114.9770, -1.1930, 5.1030



42.1770, -19.5450, 73.4070



13.5320, -6.4690, 23.6350

Inverse Universe

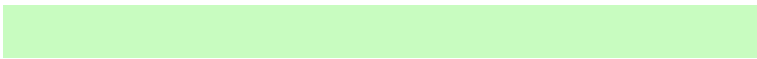
The Inverse Universe completely reimagines the original color for something new.



214.2720, 23.5620, 24.5380



208.4840, 29.0170, 30.3050



229.6120, -11.7320, -29.6840



116.7990, 5.1800, 5.2440



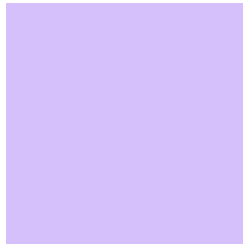
70.0770, 74.4450, 77.0770



22.6850, 23.8370, 25.0610

Previews

White Background



This preview shows how the YIQ color 205.4180, -6.1480, 23.3240 looks on a white background.

Color Contrast Check

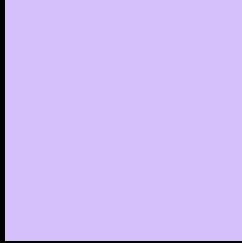
Large Text (above 18pt) WCAG AA × Fail

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 205.4180, -6.1480, 23.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

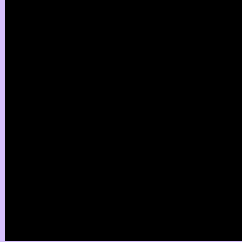
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.4180, -6.1480, 23.3240

Background



This preview shows how black text looks on a background with the YIQ color 205.4180, -6.1480, 23.3240.

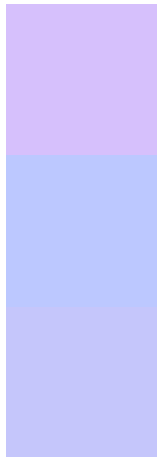


This preview shows how white text looks on a background with the YIQ color 205.4180, -6.1480,

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

205.4180, -6.1480, 23.3240

Protanopia

202.6820, -24.8070, 14.5610

Deuteranopia

203.7430, -17.6090, 16.2710



Tritanopia

203.5150, 0.2280, 6.8840

Trichromacy



Original Color

205.4180, -6.1480, 23.3240

Protanomaly

203.4980, -18.2970, 17.7270

Deuteranomaly

204.3630, -13.4830, 18.5890

Tritanomaly

203.8340, -1.9280, 12.9200

Monochromacy



Original Color

205.4180, -6.1480, 23.3240

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.9000, -2.2940, 8.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.4180, -6.1480, 23.3240 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, 192, 252)` looks like.

```
.text, #text, p{  
    color:rgb(214, 192, 252)  
}
```

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, 192, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 192, 252) }
```

Border

The CSS property to change the border of an element to YIQ 205.4180, -6.1480, 23.3240 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, 192, 252) }
```


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

```
.border{ border-color:rgb(214, 192, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 192, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 192, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 192, 252);  
box-shadow:4px 4px 4px 4px rgb(214, 192,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 205.4180, -6.1480, 23.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 192, 252) }
```

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

```
.background{ background-color: rgb(214,  
192, 252) }
```

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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