

Converting Colors

YIQ(205.6050, 0.4550, 19.2950)

Have a look what the booklet for
YIQ(205.6050, 0.4550, 19.2950)
contains.

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Color

**YIQ(205.6050, 0.4550,
19.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC1EE
RGB	218, 193, 238
RGB Percent	85%, 76%, 93%
CMY	0.1450, 0.2432, 0.0667
CMYK	0.08, 0.19, 0.00, 0.07
HSL	273°, 57%, 85%
HSV	273°, 19%, 93%
XYZ	63.4192, 59.2168, 88.9699
YIQ	205.6050, 0.4550, 19.2950

Conversions

Conversions Part 2

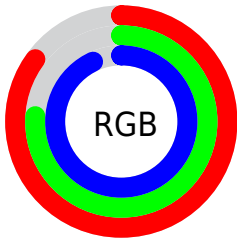
Format	Color
R _Y B	218, 193, 238
Decimal	14336494
CIE Lab	81.41, 17.04, -19.03
CIE LCh	81, 25.545, 311.847
Yxy	59.2168, 0.2997, 0.2798
Android (android.graphics.Color)	4292526574 (0xFFDAC1EE)
YUV	205.6050, 15.9707, 10.8704
Hunter-Lab	76.9524, 12.4413, -14.6824

Details

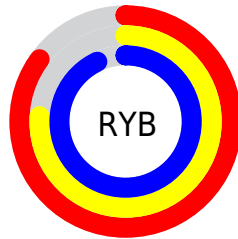
The YIQ color $205.6050, 0.4550, 19.2950$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $225.3950, -0.4550, -19.2950$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0650, 1.3750, 2.6150$, and $151.0780, 0.5010, 18.4610$ is the 20% darker color. If you saturate the color by 10%, you get $188.2280, 0.4990, 29.5150$, and if you desaturate by 10%, it is $222.9820, 0.4110, 9.0750$.

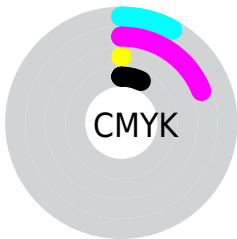
Distribution



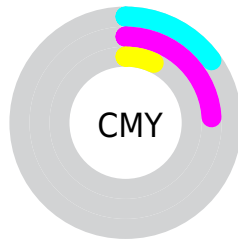
- Red (85%)
- Green (76%)
- Blue (93%)



- Red (85%)
- Yellow (76%)
- Blue (93%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.6050, 0.4550, 19.2950 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 205.6050, 0.4550, 19.2950 by changing the saturation by 10% instead.


 205.6050, 0.4550,
19.2950

 205.6050, 0.4550,
19.2950


255.0000, -0.0000,
-0.0000


 178.1920, 0.1800,
18.7720


 252.0650, 1.3750,
2.6150

 151.0780, 0.5010,
18.4610

 125.2520, -0.0490,
17.4150

 100.1380, 0.2720,
17.1040

 76.3120, -0.2780,
16.0580

 52.8990, -0.5530,
15.5350

 31.3720, -0.5070,

14.7010

■ 10.5680, 1.8770,
15.5490

■ 1.1400, -3.2100,
3.1100

■ 205.6050, 0.4550,
19.2950

■ 205.6050, 0.4550,
19.2950

■ 188.2280, 0.4990,
29.5150

■ 222.9820, 0.4110,
9.0750

■ 171.1500, 1.1390,
39.9470

■ 240.0600, -0.2290,
-1.3570

■ 154.3600, 0.9080,
49.6440

■ 251.5670, 2.4770,
-6.3470

■ 137.2820, 1.5480,
60.0760

■ 253.0620, 5.4570,
-5.2870

■ 119.9050, 1.5920,
70.2960

■ 102.8270, 2.2320,
80.7280

■ 85.4500, 2.2760,
90.9480

■ 68.9590, 2.6410,
100.8570

■ 66.6000, 2.2740,
102.0020

Harmonies

Analogous

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



202.2860, -23.7520, 11.9600



205.6050, 0.4550, 19.2950



206.6800, 22.2330, 21.0890

Triad

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



205.6050, 0.4550, 19.2950



202.6170, 34.5710, -4.2850



192.1080, -44.8830, -18.0910

Complementary

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



205.6050, 0.4550, 19.2950



225.3950, -0.4550, -19.2950

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.



194.4660, -25.5800, -21.0040



205.6050, 0.4550, 19.2950



200.2080, 19.3050, -13.9670

Square

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



205.6050, 0.4550, 19.2950



204.5890, 40.9420, 6.9100



196.9110, -1.9680, -19.4080



192.8440, -52.5870, -10.6270

Rectangle

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



205.6050, 0.4550, 19.2950



206.0740, 32.6870, 18.8550



196.9110, -1.9680, -19.4080



192.6910, -39.3350, -19.5190

Sweetspot

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



205.6050, 0.4550, 19.2950



244.1020, -0.0470, 6.3610



209.8700, -19.9450, 3.5350



121.5210, 0.0910, 3.8590



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.



205.6050, 0.4550, 19.2950



212.5930, 0.7290, 25.3450



211.3570, 13.0170, 22.9130



111.4610, 0.3200, 5.2160



51.4740, 1.7280, 78.8480



15.6530, 0.5000, 23.9880

Inverse Universe

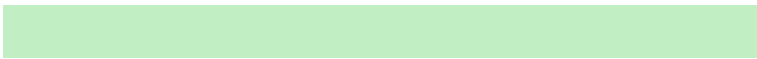
The Inverse Universe completely reimagines the original color for something new.



208.7350, 20.4000, 15.7600



216.6050, 26.8180, 20.5940



219.6430, -13.0170, -22.9130



112.1580, 5.5470, 4.0990



64.2500, 83.6630, 64.1990



19.5940, 25.3510, 19.6470

Previews

White Background



This preview shows how the YIQ color 205.6050, 0.4550, 19.2950 looks on a white background.

Color Contrast Check

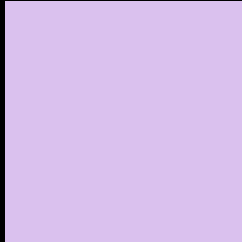
Large Text (above 18pt) WCAG AA × Fail

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 205.6050, 0.4550, 19.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

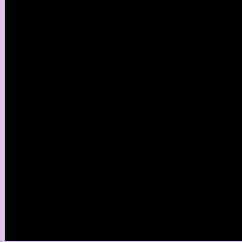
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.6050, 0.4550, 19.2950

Background



This preview shows how black text looks on a background with the YIQ color 205.6050, 0.4550, 19.2950.



This preview shows how white text looks on a background with the YIQ color 205.6050, 0.4550,

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

205.6050, 0.4550, 19.2950

Protanopia

203.3960, -18.2500, 11.3660

Deuteranopia

204.5390, -8.3470, 13.6130



Tritanopia

203.9070, 4.9960, 8.5800

Trichromacy



Original Color

205.6050, 0.4550, 19.2950

Protanomaly

204.0980, -11.4190, 14.2210

Deuteranomaly

204.8600, -4.8170, 15.7190

Tritanomaly

204.6450, 2.9780, 12.1140

Monochromacy



Original Color

205.6050, 0.4550, 19.2950

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.6290, -0.0930, 7.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.6050, 0.4550, 19.2950 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(218, 193, 238)` looks like.

```
.text, #text, p{  
    color:rgb(218, 193, 238)  
}
```

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(218, 193, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 193, 238) }
```

Border

The CSS property to change the border of an element to YIQ 205.6050, 0.4550, 19.2950 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(218, 193, 238) }
```


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

```
.border{ border-color:rgb(218, 193, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 193, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 193, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 193, 238);  
box-shadow:4px 4px 4px 4px rgb(218, 193,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 205.6050, 0.4550, 19.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 193, 238) }
```

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

```
.background{ background-color: rgb(218,  
193, 238) }
```

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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