

Converting Colors

YIQ(201.2130, 4.8550, 27.6630)

Have a look what the booklet for
YIQ(201.2130, 4.8550, 27.6630)
contains.

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Color

**YIQ(201.2130, 4.8550,
27.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB6F3
RGB	223, 182, 243
RGB Percent	87%, 71%, 95%
CMY	0.1253, 0.2863, 0.0471
CMYK	0.08, 0.25, 0.00, 0.05
HSL	280°, 72%, 83%
HSV	280°, 25%, 95%
XYZ	63.3431, 55.6130, 92.1842
YIQ	201.2130, 4.8550, 27.6630

Conversions

Conversions Part 2

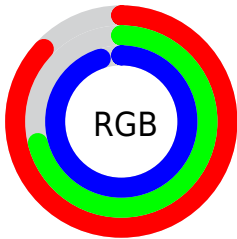
Format	Color
RYB	223, 182, 243
Decimal	14661363
CIELab	79.39, 25.56, -24.73
CIELCh	79, 35.570, 315.947
Yxy	55.6130, 0.3000, 0.2634
Android (android.graphics.Color)	4292851443 (0xFFDFB6F3)
YUV	201.2130, 20.6010, 19.1072
Hunter-Lab	74.5741, 21.1128, -21.0890

Details

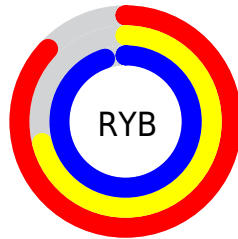
The YIQ color $201.2130, 4.8550, 27.6630$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $223.7870, -4.8550, -27.6630$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0210, 4.6750, 8.8910$, and $146.9740, 4.0300, 26.0940$ is the 20% darker color. If you saturate the color by 10%, you get $184.7330, 6.6870, 38.5190$, and if you desaturate by 10%, it is $217.6930, 3.0230, 16.8070$.

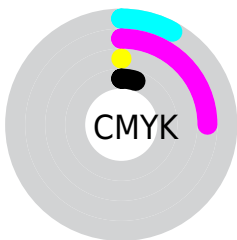
Distribution



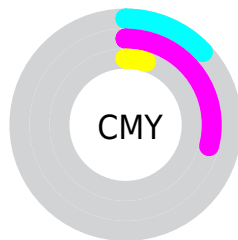
- Red (87%)
- Green (71%)
- Blue (95%)



- Red (87%)
- Yellow (71%)
- Blue (95%)



- Cyan (8%)
- Magenta (25%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.2130, 4.8550, 27.6630 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 201.2130, 4.8550, 27.6630 by changing the saturation by 10% instead.

■ 201.2130, 4.8550,
27.6630

■ 201.2130, 4.8550,
27.6630

255.0000, -0.0000,
-0.0000

■ 173.8000, 4.5800,
27.1400

■ 245.0210, 4.6750,
8.8910

■ 146.9740, 4.0300,
26.0940

■ 120.5610, 3.7550,
25.5710

■ 95.6210, 3.5260,
24.2140

■ 71.2080, 3.2510,
23.6910

■ 48.2680, 3.0220,
22.3340

■ 25.8550, 2.7470,

21.8110

■ 11.5080, 2.1060,
16.9060

■ 2.2970, -5.0900,
4.1420

■ 201.2130, 4.8550,
27.6630

■ 201.2130, 4.8550,
27.6630

■ 184.7330, 6.6870,
38.5190

■ 217.6930, 3.0230,
16.8070

■ 167.6660, 8.7940,
49.8980

■ 234.7600, 0.9160,
5.4280

■ 151.1860, 10.6260,
60.7540

■ 251.2400, -0.9160,
-5.4280

■ 134.7060, 12.4580,
71.6100

■ 253.6320, 3.8520,
-3.7320

■ 117.6390, 14.5650,
82.9890

■ 101.1590, 16.3970,
93.8450

■ 84.6790, 18.2290,
104.7010

■ 76.7380, 19.7410,
110.3410

Harmonies

Analogous

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



196.4690, -28.5210, 15.7910



201.2130, 4.8550, 27.6630



201.2950, 33.9230, 29.4990

Triad

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



201.2130, 4.8550, 27.6630



196.0710, 44.7960, -7.8760



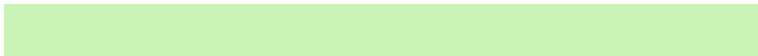
178.1090, -72.9870, -26.3870

Complementary

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



201.2130, 4.8550, 27.6630



223.7870, -4.8550, -27.6630

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.



183.5130, -42.1300, -29.4420



201.2130, 4.8550, 27.6630



192.8460, 23.0200, -20.7240

Square

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



201.2130, 4.8550, 27.6630



198.4180, 54.6050, 7.0930



188.8190, -7.8810, -27.8890



179.0560, -82.6630, -16.2230

Rectangle

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



201.2130, 4.8550, 27.6630



198.9830, 43.3690, 23.5050



188.8190, -7.8810, -27.8890



179.4320, -63.7710, -28.2110

Sweetspot

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



201.2130, 4.8550, 27.6630



241.1670, 1.3280, 8.9760



200.6940, -25.0810, 8.5110



118.8740, 0.5950, 5.7390



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.



201.2130, 4.8550, 27.6630



202.9130, 6.0000, 34.4480



206.0530, 19.9850, 28.7930



113.7600, 0.9160, 5.4280



58.5790, 14.7940, 84.3460



18.3870, 4.3050, 26.6170

Inverse Universe

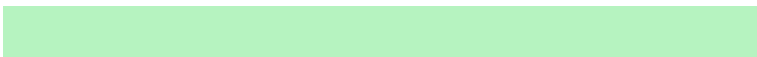
The Inverse Universe completely reimagines the original color for something new.



202.5190, 29.9360, 19.1520



204.5740, 37.2710, 23.8870



218.9470, -19.9850, -28.7930



114.0440, 5.8680, 3.7880



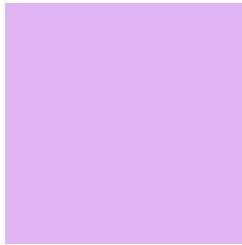
62.5680, 91.2750, 58.4030



19.8070, 29.0650, 18.4170

Previews

White Background



This preview shows how the YIQ color 201.2130, 4.8550, 27.6630 looks on a white background.

Color Contrast Check

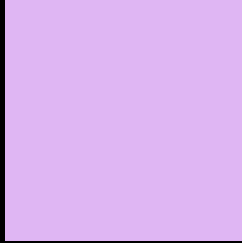
Large Text (above 18pt) WCAG AA × Fail

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 201.2130, 4.8550, 27.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

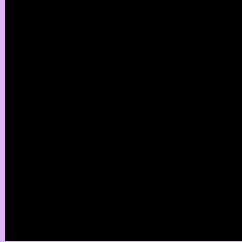
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.2130, 4.8550, 27.6630

Background



This preview shows how black text looks on a background with the YIQ color 201.2130, 4.8550, 27.6630.



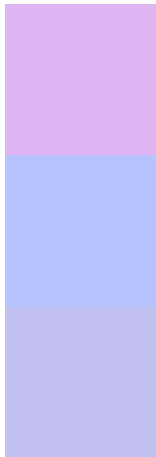
This preview shows how white text looks on a background with the YIQ color 201.2130, 4.8550,

27.6630.

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

201.2130, 4.8550, 27.6630

Protanopia

197.6110, -26.0450, 14.9710

Deuteranopia

198.7710, -14.8120, 15.1400



Tritanopia

199.0820, 11.8730, 10.6010

Trichromacy



Original Color

201.2130, 4.8550, 27.6630

Protanomaly

198.8190, -14.7670, 19.8330

Deuteranomaly

199.8260, -7.4770, 19.8750

Tritanomaly

199.5150, 9.3960, 16.9480

Monochromacy



Original Color

201.2130, 4.8550, 27.6630

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9930, 1.8780, 10.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.2130, 4.8550, 27.6630 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(223, 182, 243)` looks like.

```
.text, #text, p{  
    color:rgb(223, 182, 243)  
}
```

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(223, 182, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 182, 243) }
```

Border

The CSS property to change the border of an element to YIQ 201.2130, 4.8550, 27.6630 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(223, 182, 243) }
```


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

```
.border{ border-color:rgb(223, 182, 243) }
```

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

Here you see how a box with a 4 pixel rgb(223, 182, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 182, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 182, 243);  
box-shadow:4px 4px 4px 4px rgb(223, 182,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 201.2130, 4.8550, 27.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 182, 243) }
```

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

```
.background{ background-color: rgb(223,  
182, 243) }
```

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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