

Converting Colors

YIQ(212.1360, -5.4140, 21.0340)

Have a look what the booklet for
YIQ(212.1360, -5.4140, 21.0340)
contains.

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Color

**YIQ(212.1360, -5.4140,
21.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC8FE
RGB	220, 200, 254
RGB Percent	86%, 78%, 100%
CMY	0.1372, 0.2157, 0.0040
CMYK	0.13, 0.21, 0.00, 0.00
HSL	262°, 96%, 89%
HSV	262°, 21%, 100%
XYZ	68.0606, 63.6783, 102.4563
YIQ	212.1360, -5.4140, 21.0340

Conversions

Conversions Part 2

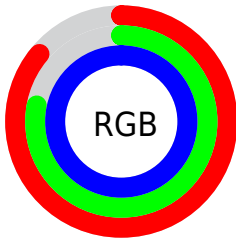
Format	Color
R _Y B	220, 200, 254
Decimal	14469374
CIE Lab	83.80, 17.16, -23.92
CIE LCh	84, 29.439, 305.657
Yxy	63.6783, 0.2906, 0.2719
Android (android.graphics.Color)	4292659454 (0xFFDCC8FE)
YUV	212.1360, 20.6390, 6.8967
Hunter-Lab	79.7987, 12.5957, -20.2654

Details

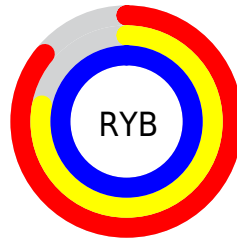
The YIQ color $212.1360, -5.4140, 21.0340$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $241.8640, 5.4140, -21.0340$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $157.4950, -5.0470, 19.8890$ is the 20% darker color. If you saturate the color by 10%, you get $192.6770, -8.0750, 30.7170$, and if you desaturate by 10%, it is $231.5950, -2.7530, 11.3510$.

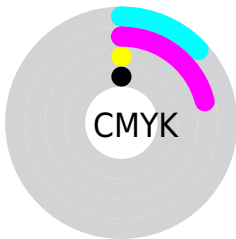
Distribution



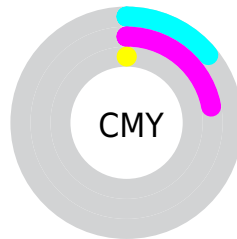
- Red (86%)
- Green (78%)
- Blue (100%)



- Red (86%)
- Yellow (78%)
- Blue (100%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.1360, -5.4140, 21.0340 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 212.1360, -5.4140, 21.0340 by changing the saturation by 10% instead.

■ 212.1360, -5.4140,
21.0340

■ 212.1360, -5.4140,
21.0340

255.0000, -0.0000,
-0.0000

■ 184.6090, -5.3680,
20.2000

■ 157.4950, -5.0470,
19.8890

■ 131.0820, -5.3220,
19.3660

■ 105.5550, -5.2760,
18.5320

■ 81.6150, -5.5050,
17.1750

■ 58.2020, -5.7800,
16.6520

■ 36.2620, -6.0090,

15.2950

■ 12.9850, -3.6710,
16.9770

■ 3.4370, -8.3000,
7.2520

■ 212.1360, -5.4140,
21.0340

■ 212.1360, -5.4140,
21.0340

■ 192.6770, -8.0750,
30.7170

■ 231.5950, -2.7530,
11.3510

■ 172.6310,
-10.4610, 40.9230

■ 251.6410, -0.3670,
1.1450

■ 153.1720,
-13.1220, 50.6060

■ 254.8860, 0.3210,
-0.3110

■ 133.1260,
-15.5080, 60.8120

■ 113.6670,
-18.1690, 70.4950

■ 94.2080, -20.8300,
80.1780

■ 74.1620, -23.2160,
90.3840

■ 57.0620, -25.5100,
98.9220

Harmonies

Analogous

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



206.7580, -31.1330, 8.0590



212.1360, -5.4140, 21.0340



213.6030, 21.1320, 24.5240

Triad

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



212.1360, -5.4140, 21.0340



209.3900, 42.6400, -1.8400



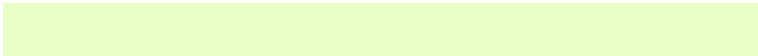
197.0210, -49.1920, -22.6000

Complementary

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



212.1360, -5.4140, 21.0340



241.8640, 5.4140, -21.0340

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.



199.8420, -23.8830, -24.2270



212.1360, -5.4140, 21.0340



207.2150, 26.5950, -13.9250

Square

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



212.1360, -5.4140, 21.0340



209.2410, 42.0420, 9.0020



203.6680, 3.0300, -21.8820



196.2340, -62.6730, -15.0650

Rectangle

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



212.1360, -5.4140, 21.0340



211.5840, 31.3110, 21.7670



203.6680, 3.0300, -21.8820



197.5010, -41.8560, -23.3920

Sweetspot

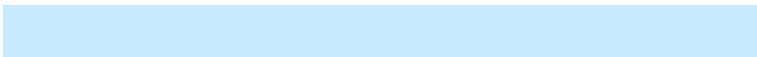
The Sweet Spot groups the original color and five complimentary colors.



212.1360, -5.4140, 21.0340



243.2050, -1.8350, 5.7250



226.1140, -26.6840, -0.9880



120.9230, -1.1010, 3.4350



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.



212.1360, -5.4140, 21.0340



203.7000, -6.8820, 25.6140



220.2090, 10.6780, 26.7580



117.6780, -1.7890, 4.8910



43.0030, -18.9950, 74.4530



14.4720, -6.2400, 24.9920

Inverse Universe

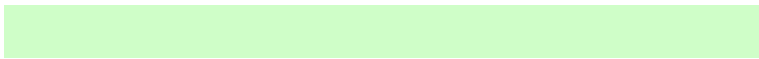
The Inverse Universe completely reimagines the original color for something new.



220.0220, 21.2700, 22.0220



213.4080, 26.1750, 26.7430



233.7910, -10.6780, -26.7580



119.7990, 5.1800, 5.2440



70.7890, 75.3160, 77.8120



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 212.1360, -5.4140, 21.0340 looks on a white background.

Color Contrast Check

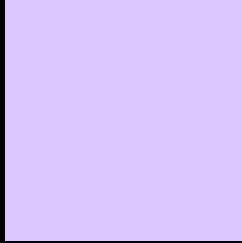
Large Text (above 18pt) WCAG AA × Fail

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 212.1360, -5.4140, 21.0340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

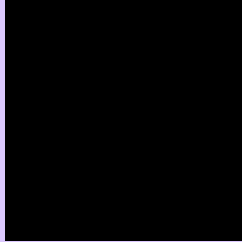
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.1360, -5.4140, 21.0340

Background



This preview shows how black text looks on a background with the YIQ color 212.1360, -5.4140, 21.0340.

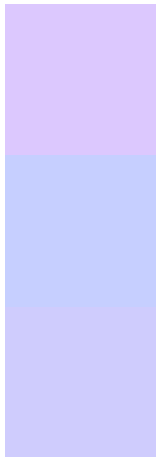


This preview shows how white text looks on a background with the YIQ color 212.1360, -5.4140,

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

212.1360, -5.4140, 21.0340

Protanopia

209.7810, -20.7720, 13.0200

Deuteranopia

210.4830, -13.9410, 15.8750



Tritanopia

210.5150, 0.2280, 6.8840

Trichromacy



Original Color

212.1360, -5.4140, 21.0340

Protanomaly

210.4120, -15.1790, 16.2850

Deuteranomaly

211.3910, -10.6860, 17.4580

Tritanomaly

211.3070, -1.8820, 12.0860

Monochromacy



Original Color

212.1360, -5.4140, 21.0340

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.2590, -1.9270, 7.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.1360, -5.4140, 21.0340 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(220, 200, 254)` looks like.

```
.text, #text, p{  
    color:rgb(220, 200, 254)  
}
```

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(220, 200, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 200, 254) }
```

Border

The CSS property to change the border of an element to YIQ 212.1360, -5.4140, 21.0340 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(220, 200, 254) }
```


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

```
.border{ border-color:rgb(220, 200, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 200, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 200, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 200, 254);  
box-shadow:4px 4px 4px 4px rgb(220, 200,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 212.1360, -5.4140, 21.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 200, 254) }
```

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

```
.background{ background-color: rgb(220,  
200, 254) }
```

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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