

Converting Colors

YIQ(221.8640, -19.8080, 6.5600)

Have a look what the booklet for
YIQ(221.8640, -19.8080, 6.5600)
contains.

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Color

**YIQ(221.8640, -19.8080,
6.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	CFDFFF
RGB	207, 223, 255
RGB Percent	81%, 87%, 100%
CMY	0.1882, 0.1254, 0.0001
CMYK	0.19, 0.13, 0.00, 0.00
HSL	220°, 100%, 91%
HSV	220°, 19%, 100%
XYZ	70.1661, 73.2620, 105.0283
YIQ	221.8640, -19.8080, 6.5600

Conversions

Conversions Part 2

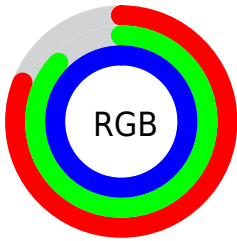
Format	Color
R _Y B	207, 219, 255
Decimal	13623295
CIE Lab	88.57, 1.15, -17.31
CIE LCh	89, 17.352, 273.789
Yxy	73.2620, 0.2824, 0.2949
Android (android.graphics.Color)	4291813375 (0xFFCFDFFF)
YUV	221.8640, 16.3360, -13.0357
Hunter-Lab	85.5932, -3.4607, -12.8373

Details

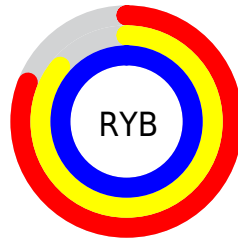
The YIQ color $221.8640, -19.8080, 6.5600$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $240.1360, 19.8080, -6.5600$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.6360, -19.1660, 5.9380$ is the 20% darker color. If you saturate the color by 10%, you get $204.4100, -30.0330, 10.1510$, and if you desaturate by 10%, it is $239.3180, -9.5830, 2.9690$.

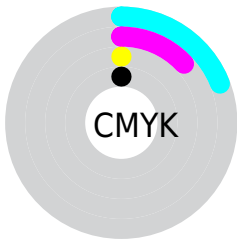
Distribution



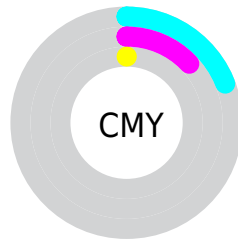
- Red (81%)
- Green (87%)
- Blue (100%)



- Red (81%)
- Yellow (86%)
- Blue (100%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.8640, -19.8080, 6.5600 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 221.8640, -19.8080, 6.5600 by changing the saturation by 10% instead.

■ 221.8640,
-19.8080, 6.5600

■ 221.8640,
-19.8080, 6.5600

255.0000, -0.0000,
-0.0000

■ 193.7500,
-19.4870, 6.2490

■ 166.6360,
-19.1660, 5.9380

■ 140.5220,
-18.8450, 5.6270

■ 114.4080,
-18.5240, 5.3160

■ 90.2940, -18.2030,
5.0050

■ 66.1800, -17.8820,
4.6940

■ 43.3540, -18.4320,

3.6480

■ 21.3430, -19.8990,
2.7010

■ 3.6650, -8.9420,
7.8740

■ 221.8640,
-19.8080, 6.5600

■ 221.8640,
-19.8080, 6.5600

■ 204.4100,
-30.0330, 10.1510

■ 239.3180, -9.5830,
2.9690

■ 186.6570,
-40.8540, 13.5300

255.0000, -0.0000,
-0.0000

■ 169.2030,
-51.0790, 17.1210

■ 151.4500,
-61.9000, 20.5000

■ 133.9960,
-72.1250, 24.0910

■ 116.2430,
-82.9460, 27.4700

■ 98.7890, -93.1710,
31.0610

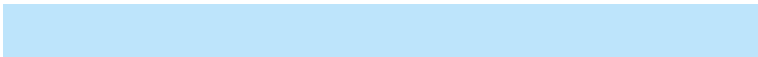
■ 81.0360,
-103.9920, 34.4400

■ 78.9650,
-105.2300, 34.8500

Harmonies

Analogous

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



218.9610, -30.6270, -1.1150



221.8640, -19.8080, 6.5600



224.0510, -4.0370, 12.5950

Triad

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



221.8640, -19.8080, 6.5600



224.0590, 27.8750, 6.9390



218.0980, -12.5600, -14.6720

Complementary

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



221.8640, -19.8080, 6.5600



240.1360, 19.8080, -6.5600

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.



219.7640, 3.1200, -12.4960



221.8640, -19.8080, 6.5600



223.2450, 27.0510, -0.1570

Square

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



221.8640, -19.8080, 6.5600



225.2960, 23.0140, 12.4380



221.8260, 17.7450, -7.7190



216.4370, -26.6360, -12.8760

Rectangle

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



221.8640, -19.8080, 6.5600



225.2650, 7.1040, 14.4320



221.8260, 17.7450, -7.7190



218.4360, -7.7000, -14.6440

Sweetspot

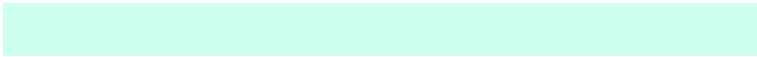
The Sweet Spot groups the original color and five complimentary colors.



221.8640, -19.8080, 6.5600



244.6450, -6.1900, 2.0500



238.7100, -23.1510, -15.4630



121.7870, -3.7140, 1.2300



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.



221.8640, -19.8080, 6.5600



214.4660, -24.4390, 7.8890



214.5650, -11.2360, 16.4120



118.8300, -5.2730, 1.9510



59.3420, -78.9110, 25.9290



19.6230, -26.3190, 8.9210

Inverse Universe

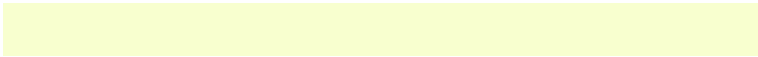
The Inverse Universe completely reimagines the original color for something new.



223.1760, 23.4720, 15.1520



215.9210, 28.7440, 18.7280



247.4350, 11.2360, -16.4120



119.3430, 6.4640, 4.0000



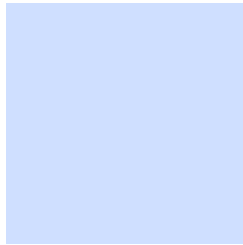
64.4050, 93.2920, 60.3960



21.5300, 31.4030, 20.0990

Previews

White Background



This preview shows how the YIQ color 221.8640, -19.8080, 6.5600 looks on a white background.

Color Contrast Check

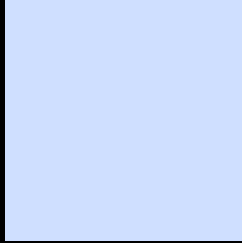
Large Text (above 18pt) WCAG AA × Fail

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 221.8640, -19.8080, 6.5600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

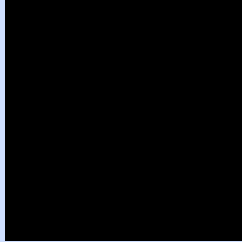
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.8640, -19.8080, 6.5600

Background



This preview shows how black text looks on a background with the YIQ color 221.8640, -19.8080, 6.5600.



This preview shows how white text looks on a background with the YIQ color 221.8640, -19.8080,

6.5600.

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

221.8640, -19.8080, 6.5600

Protanopia

222.8650, -12.3810, 9.6270

Deuteranopia

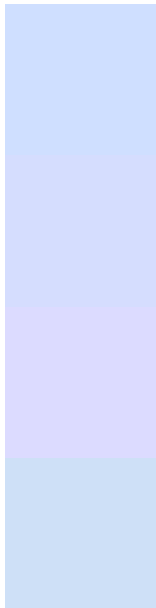
224.3220, -6.2380, 13.9380



Tritanopia

221.0720, -17.6980, 1.3580

Trichromacy



Original Color

221.8640, -19.8080, 6.5600

Protanomaly

222.3700, -15.3610, 8.5670

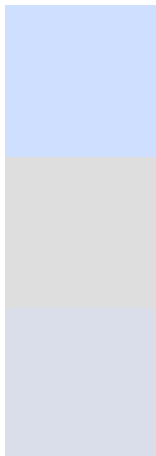
Deuteranomaly

223.4030, -10.9600, 11.4080

Tritanomaly

221.2400, -18.1110, 3.3370

Monochromacy



Original Color

221.8640, -19.8080, 6.5600

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.8730, -6.8320, 2.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.8640, -19.8080, 6.5600 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(207, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 223, 255)  
}
```

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(207, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 223, 255) }
```

Border

The CSS property to change the border of an element to YIQ 221.8640, -19.8080, 6.5600 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(207, 223, 255) }
```


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

```
.border{ border-color:rgb(207, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 223,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 221.8640, -19.8080, 6.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 223, 255) }
```

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

```
.background{ background-color: rgb(207,  
223, 255) }
```

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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