

Converting Colors

YIQ(222.4400, -21.5500, 5.0900)

Have a look what the booklet for
YIQ(222.4400, -21.5500, 5.0900)
contains.

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Color

**YIQ(222.4400, -21.5500,
5.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE1FF
RGB	205, 225, 255
RGB Percent	80%, 88%, 100%
CMY	0.1961, 0.1176, 0.0001
CMYK	0.20, 0.12, 0.00, 0.00
HSL	216°, 100%, 90%
HSV	216°, 20%, 100%
XYZ	70.1478, 74.0513, 105.1805
YIQ	222.4400, -21.5500, 5.0900

Conversions

Conversions Part 2

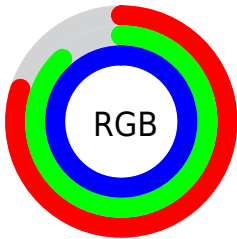
Format	Color
R _Y B	205, 219, 255
Decimal	13492735
CIE Lab	88.95, -0.51, -16.76
CIE LCh	89, 16.772, 268.273
Yxy	74.0513, 0.2813, 0.2969
Android (android.graphics.Color)	4291682815 (0xFFCDE1FF)
YUV	222.4400, 16.0521, -15.2949
Hunter-Lab	86.0531, -5.0851, -12.2315

Details

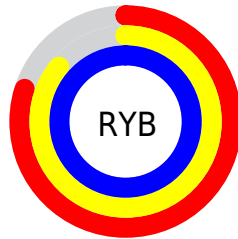
The YIQ color $222.4400, -21.5500, 5.0900$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $237.5600, 21.5500, -5.0900$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.2120, -20.9080, 4.4680$ is the 20% darker color. If you saturate the color by 10%, you get $205.8610, -32.9210, 7.4230$, and if you desaturate by 10%, it is $238.7200, -10.7750, 2.5450$.

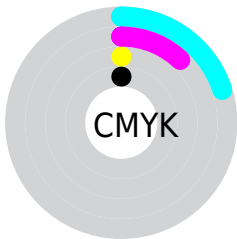
Distribution



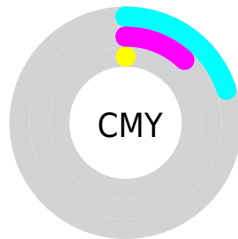
- Red (80%)
- Green (88%)
- Blue (100%)



- Red (80%)
- Yellow (86%)
- Blue (100%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.4400, -21.5500, 5.0900 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 222.4400, -21.5500, 5.0900 by changing the saturation by 10% instead.

■ 222.4400,
-21.5500, 5.0900

■ 222.4400,
-21.5500, 5.0900

255.0000, -0.0000,
-0.0000

■ 194.3260,
-21.2290, 4.7790

■ 167.2120,
-20.9080, 4.4680

■ 140.5110,
-20.3120, 4.6800

■ 114.9840,
-20.2660, 3.8460

■ 90.2830, -19.6700,
4.0580

■ 66.7560, -19.6240,
3.2240

■ 43.3430, -19.8990,

2.7010

■ 21.6200, -22.2370,
1.0190

■ 3.6650, -8.9420,
7.8740

■ 222.4400,
-21.5500, 5.0900

■ 222.4400,
-21.5500, 5.0900

■ 205.8610,
-32.9210, 7.4230

■ 238.7200,
-10.7750, 2.5450

■ 188.9940,
-43.4210, 10.4910

255.0000, -0.0000,
-0.0000

■ 172.7140,
-54.1960, 13.0360

■ 156.1350,
-65.5670, 15.3690

■ 139.8550,
-76.3420, 17.9140

■ 122.6890,
-87.4380, 20.7700

■ 106.4090,
-98.2130, 23.3150

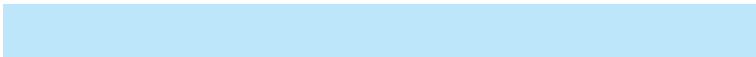
■ 89.8300,
-109.5840, 25.6480

■ 88.9440,
-109.9050, 25.9590

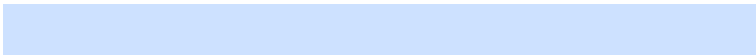
Harmonies

Analogous

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



220.0210, -30.8560, -2.4720



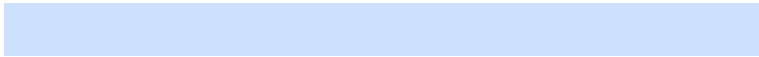
222.4400, -21.5500, 5.0900



225.0290, -6.9710, 10.7010

Triad

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



222.4400, -21.5500, 5.0900



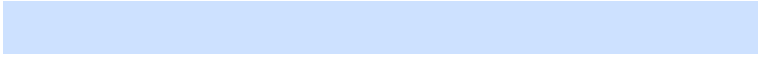
225.1020, 26.3160, 7.6600



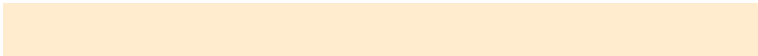
219.4790, -9.2590, -13.9230

Complementary

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



222.4400, -21.5500, 5.0900



237.5600, 21.5500, -5.0900

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.



221.2590, 6.1000, -11.4360



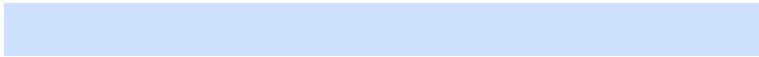
222.4400, -21.5500, 5.0900



224.8860, 26.6840, 0.9880

Square

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



222.4400, -21.5500, 5.0900



226.9260, 21.1800, 12.6360



223.0650, 18.5700, -6.1500



217.9920, -23.8850, -13.1730

Rectangle

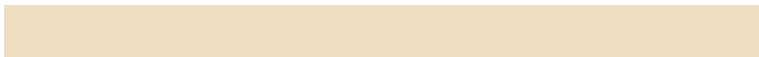
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.4400, -21.5500, 5.0900



225.8840, 3.8030, 13.6830



223.0650, 18.5700, -6.1500



219.9310, -4.7200, -13.5840

Sweetspot

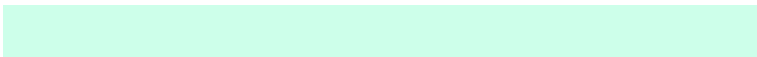
The Sweet Spot groups the original color and five complimentary colors.



222.4400, -21.5500, 5.0900



245.2320, -6.4650, 1.5270



237.6560, -23.0590, -17.1310



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.



222.4400, -21.5500, 5.0900



215.0420, -26.1810, 6.4190



211.8960, -13.6660, 16.3980



119.4170, -5.5480, 1.4280



66.9730, -82.4860, 19.1300



22.5580, -27.6940, 6.3060

Inverse Universe

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



222.2300, 23.3800, 16.8200



214.9750, 28.6520, 20.3960



248.1040, 13.6660, -16.3980



119.4570, 6.1430, 4.3110



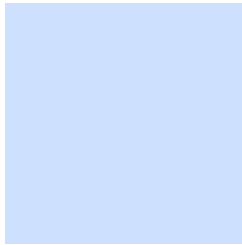
65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 222.4400, -21.5500, 5.0900 looks on a white background.

Color Contrast Check

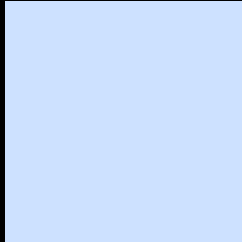
Large Text (above 18pt) WCAG AA × Fail

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 222.4400, -21.5500, 5.0900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

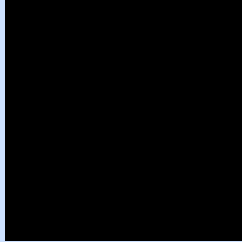
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.4400, -21.5500, 5.0900

Background



This preview shows how black text looks on a background with the YIQ color 222.4400, -21.5500, 5.0900.

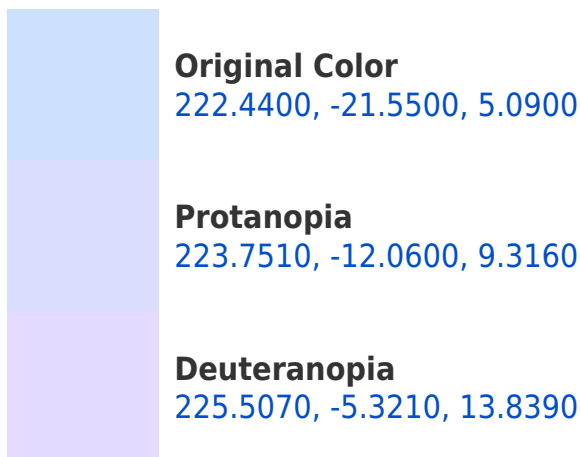


This preview shows how white text looks on a background with the YIQ color 222.4400, -21.5500,

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





Tritanopia

221.8760, -20.0820, 0.5100

Trichromacy



Original Color

222.4400, -21.5500, 5.0900

Protanomaly

222.9570, -15.6360, 8.0440

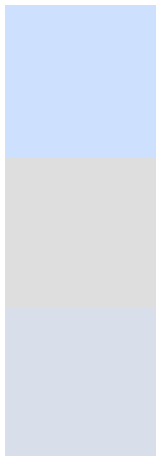
Deuteranomaly

224.5770, -11.5100, 10.3620

Tritanomaly

222.0440, -20.4950, 2.4890

Monochromacy



Original Color

222.4400, -21.5500, 5.0900

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.1610, -7.7030, 1.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.4400, -21.5500, 5.0900 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(205, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 225, 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(205, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 225, 255) }
```

Border

The CSS property to change the border of an element to YIQ 222.4400, -21.5500, 5.0900 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(205, 225, 255) }
```


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

```
.border{ border-color:rgb(205, 225, 255) }
```

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

Here you see how a box with a 4 pixel rgb(205, 225, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 225,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 222.4400, -21.5500, 5.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 225, 255) }
```

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

```
.background{ background-color: rgb(205,  
225, 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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