

Converting Colors

YIQ(215.5920, -25.0340, 2.1500)

Have a look what the booklet for
YIQ(215.5920, -25.0340, 2.1500)
contains.

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Color

**YIQ(215.5920, -25.0340,
2.1500)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C1DDF7 |
| RGB | 193, 221, 247 |
| RGB Percent | 76%, 87%, 97% |
| CMY | 0.2432, 0.1333, 0.0315 |
| CMYK | 0.22, 0.11, 0.00, 0.03 |
| HSL | 209°, 77%, 86% |
| HSV | 209°, 22%, 97% |
| XYZ | 64.6324, 69.7684, 98.0312 |
| YIQ | 215.5920, -25.0340, 2.1500 |

Conversions

Conversions Part 2

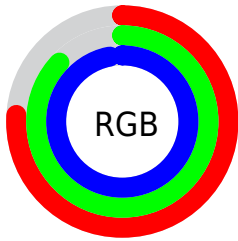
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 193, 211, 247 |
| Decimal | 12705271 |
| CIELab | 86.88, -3.78, -15.74 |
| CIELCh | 87, 16.184, 256.501 |
| Yxy | 69.7684, 0.2781, 0.3002 |
| Android (android.graphics.Color) | 4290895351 (0xFFC1DDF7) |
| YUV | 215.5920, 15.4841, -19.8132 |
| Hunter-Lab | 83.5275, -8.0523, -11.1158 |

Details

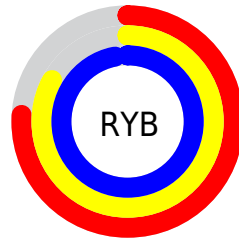
The YIQ color $215.5920, -25.0340, 2.1500$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $224.4080, 25.0340, -2.1500$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.5050, -2.9800, -1.0600$, and $160.7770, -24.1170, 2.0510$ is the 20% darker color. If you saturate the color by 10%, you get $201.0730, -36.6340, 3.1260$, and if you desaturate by 10%, it is $230.1110, -13.4340, 1.1740$.

Distribution



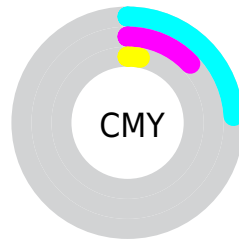
- Red (76%)
- Green (87%)
- Blue (97%)



- Red (76%)
- Yellow (83%)
- Blue (97%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.5920, -25.0340, 2.1500 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 215.5920, -25.0340, 2.1500 by changing the saturation by 10% instead.

■ 215.5920,
-25.0340, 2.1500

■ 215.5920,
-25.0340, 2.1500

■ 255.0000, -0.0000,
-0.0000

■ 187.4780,
-24.7130, 1.8390

■ 253.5050, -2.9800,
-1.0600

■ 160.7770,
-24.1170, 2.0510

■ 134.6630,
-23.7960, 1.7400

■ 108.5490,
-23.4750, 1.4290

■ 84.4350, -23.1540,
1.1180

■ 60.0220, -23.4290,
0.5950

■ 37.0110, -24.8960,

-0.3520

■ 18.8760, -20.0820,
0.5100

■ 2.9810, -7.0160,
6.0080

■ 215.5920,
-25.0340, 2.1500

■ 215.5920,
-25.0340, 2.1500

■ 201.0730,
-36.6340, 3.1260

■ 230.1110,
-13.4340, 1.1740

■ 186.8530,
-47.6380, 4.3140

■ 244.3310, -2.4300,
-0.0140

■ 172.3340,
-59.2380, 5.2900

■ 254.0880, 2.5680,
-2.4880

■ 158.4020,
-71.1130, 5.7430

■ 144.1820,
-82.1170, 6.9310

■ 129.6630,
-93.7170, 7.9070

■ 115.1440,
-105.3170, 8.8830

■ 103.2940,
-114.4870, 9.8730

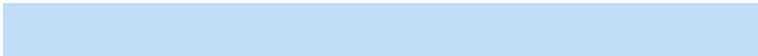
Harmonies

Analogous

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



213.4400, -30.7180, -4.9740



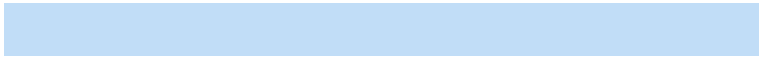
215.5920, -25.0340, 2.1500



218.3380, -12.3350, 8.7930

Triad

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



215.5920, -25.0340, 2.1500



220.0850, 24.9860, 9.7380



214.5290, -3.5280, -13.1600

Complementary

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



215.5920, -25.0340, 2.1500



224.4080, 25.0340, -2.1500

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.



216.0640, 11.1430, -9.2170



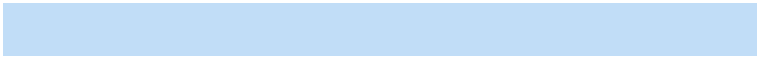
215.5920, -25.0340, 2.1500



219.4670, 26.5460, 3.4900

Square

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



215.5920, -25.0340, 2.1500



221.0010, 16.5950, 13.1310



217.9130, 22.0540, -3.2100



212.8140, -17.5120, -13.0320

Rectangle

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



215.5920, -25.0340, 2.1500



219.8940, -2.1570, 11.5630



217.9130, 22.0540, -3.2100



214.8070, 1.5610, -11.7750

Sweetspot

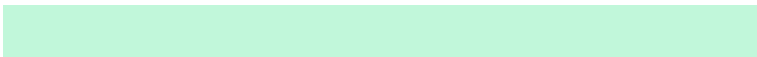
The Sweet Spot groups the original color and five complimentary colors.



215.5920, -25.0340, 2.1500



244.3350, -8.2530, 0.8910



227.5480, -22.8750, -20.4670



121.7760, -5.1810, 0.2830



0.0000, 0.0000, 0.0000



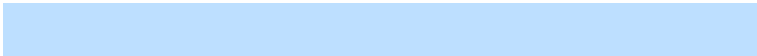
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.5920, -25.0340, 2.1500



216.4820, -30.5360, 2.7440



200.3300, -17.8840, 15.7480



115.4770, -5.7770, 0.0710



78.1430, -86.3810, 7.1150



24.3360, -27.1890, 2.6590

Inverse Universe

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



212.3380, 23.1960, 20.1560



212.6100, 28.4220, 24.5660



239.6700, 17.8840, -15.7480



114.3860, 4.9050, 4.7210



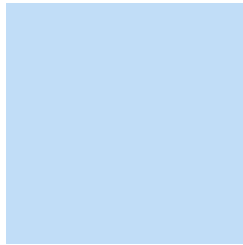
66.6720, 79.7190, 69.5990



21.0610, 25.5340, 21.8380

Previews

White Background



This preview shows how the YIQ color 215.5920, -25.0340, 2.1500 looks on a white background.

Color Contrast Check

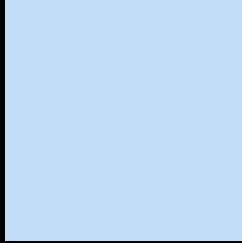
Large Text (above 18pt) WCAG AA × Fail

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 215.5920, -25.0340, 2.1500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

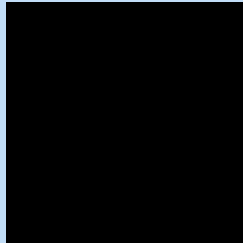
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

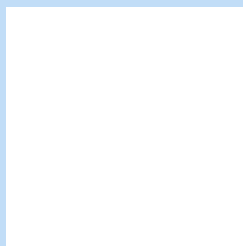
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.5920, -25.0340, 2.1500

Background



This preview shows how black text looks on a background with the YIQ color 215.5920, -25.0340, 2.1500.



This preview shows how white text looks on a background with the YIQ color 215.5920, -25.0340,

2.1500.

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

215.5920, -25.0340, 2.1500

Protanopia

218.1810, -10.4550, 7.7610

Deuteranopia

219.5070, -5.3210, 13.8390



Tritanopia

215.0820, -23.6580, -0.7620

Trichromacy



Original Color

215.5920, -25.0340, 2.1500

Protanomaly

217.3760, -15.4980, 5.5420

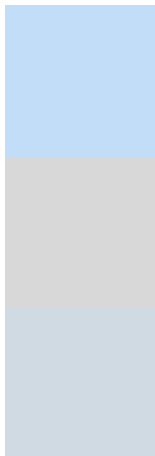
Deuteranomaly

217.8650, -12.3810, 9.6270

Tritanomaly

215.4240, -24.6210, 0.1710

Monochromacy



Original Color

215.5920, -25.0340, 2.1500

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0360, -8.8490, 0.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.5920, -25.0340, 2.1500 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(193, 221, 247)` looks like.

```
.text, #text, p{  
    color:rgb(193, 221, 247)  
}
```

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(193, 221, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 221, 247) }
```

Border

The CSS property to change the border of an element to YIQ 215.5920, -25.0340, 2.1500 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(193, 221, 247) }
```


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

```
.border{ border-color:rgb(193, 221, 247) }
```

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

Here you see how a box with a 4 pixel rgb(193, 221, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 221, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 221, 247);  
box-shadow:4px 4px 4px 4px rgb(193, 221,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 215.5920, -25.0340, 2.1500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 221, 247) }
```

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

```
.background{ background-color: rgb(193,  
221, 247) }
```

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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