

Converting Colors

YIQ(205.8720, -31.4540, 8.3700)

Have a look what the booklet for
YIQ(205.8720, -31.4540, 8.3700)
contains.

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Color

**YIQ(205.8720, -31.4540,
8.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D1FF
RGB	181, 209, 255
RGB Percent	71%, 82%, 100%
CMY	0.2902, 0.1803, 0.0002
CMYK	0.29, 0.18, 0.00, 0.00
HSL	217°, 100%, 85%
HSV	217°, 29%, 100%
XYZ	59.9006, 62.6467, 103.5081
YIQ	205.8720, -31.4540, 8.3700

Conversions

Conversions Part 2

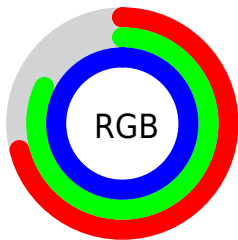
Format	Color
R _Y B	181, 201, 255
Decimal	11915775
CIE Lab	83.26, 0.85, -25.52
CIE LCh	83, 25.536, 271.914
Yxy	62.6467, 0.2650, 0.2771
Android (android.graphics.Color)	4290105855 (0xFFB5D1FF)
YUV	205.8720, 24.2201, -21.8127
Hunter-Lab	79.1497, -3.4229, -22.1318

Details

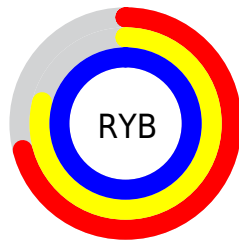
The YIQ color $205.8720, -31.4540, 8.3700$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $230.1280, 31.4540, -8.3700$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, -10.1320, -3.6040$, and $151.2310, -31.0870, 7.2250$ is the 20% darker color. If you saturate the color by 10%, you get $188.7060, -42.5500, 11.2260$, and if you desaturate by 10%, it is $222.7390, -20.9540, 5.3020$.

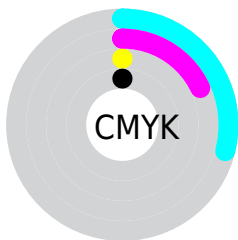
Distribution



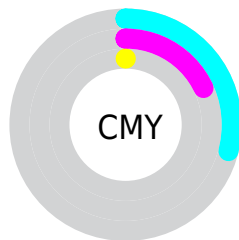
- Red (71%)
- Green (82%)
- Blue (100%)



- Red (71%)
- Yellow (79%)
- Blue (100%)



- Cyan (29%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.8720, -31.4540, 8.3700 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 205.8720, -31.4540, 8.3700 by changing the saturation by 10% instead.

■ 205.8720,
-31.4540, 8.3700

■ 205.8720,
-31.4540, 8.3700

■ 255.0000, -0.0000,
-0.0000

■ 177.7580,
-31.1330, 8.0590

■ 249.9170,
-10.1320, -3.6040

■ 151.2310,
-31.0870, 7.2250

■ 125.1170,
-30.7660, 6.9140

■ 99.5900, -30.7200,
6.0800

■ 74.7640, -31.2700,
5.0340

■ 49.7420, -34.2040,
3.1400

■ 29.1120, -32.3700,

2.9420

■ 13.5760, -18.9370,
7.2950

■ 3.5510, -8.6210,
7.5630

■ 205.8720,
-31.4540, 8.3700

■ 205.8720,
-31.4540, 8.3700

■ 188.7060,
-42.5500, 11.2260

■ 222.7390,
-20.9540, 5.3020

■ 171.8390,
-53.0500, 14.2940

■ 239.9050, -9.8580,
2.4460

■ 155.5590,
-63.8250, 16.8390

255.0000, -0.0000,
-0.0000

■ 138.3930,
-74.9210, 19.6950

■ 121.5260,
-85.4210, 22.7630

■ 104.3600,
-96.5170, 25.6190

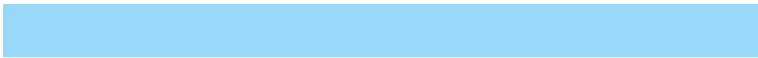
■ 87.4930,
-107.0170, 28.6870

■ 86.0090,
-108.5300, 28.5740

Harmonies

Analogous

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



200.6260, -48.7370, -3.3050



205.8720, -31.4540, 8.3700



209.9460, -7.9350, 17.1610

Triad

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



205.8720, -31.4540, 8.3700



209.8110, 40.4370, 10.5570



200.3590, -17.9690, -21.2730

Complementary

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



205.8720, -31.4540, 8.3700



230.1280, 31.4540, -8.3700

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.



203.7440, 5.8720, -18.3200



205.8720, -31.4540, 8.3700



208.4050, 38.2840, 0.0120

Square

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



205.8720, -31.4540, 8.3700



211.3730, 33.2830, 19.0670



206.1380, 25.4940, -10.4900



197.6910, -39.3350, -19.5190

Rectangle

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



205.8720, -31.4540, 8.3700



211.4380, 8.2950, 20.3830



206.1380, 25.4940, -10.4900



201.0780, -9.8080, -20.4960

Sweetspot

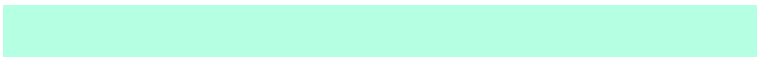
The Sweet Spot groups the original color and five complimentary colors.



205.8720, -31.4540, 8.3700



239.9050, -9.8580, 2.4460



229.6820, -35.1160, -24.3960



118.2320, -6.4650, 1.5270



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.



205.8720, -31.4540, 8.3700



196.1040, -37.9190, 9.8970



192.1270, -18.3900, 24.9220



119.4170, -5.5480, 1.4280



64.0380, -81.1110, 21.7450



21.3840, -27.1440, 7.3520

Inverse Universe

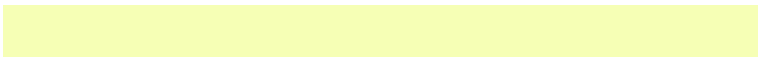
The Inverse Universe completely reimagines the original color for something new.



206.3180, 35.1160, 24.3960



196.4870, 42.1300, 29.4420



243.8730, 18.3900, -24.9220



119.4570, 6.1430, 4.3110



65.3170, 90.7240, 62.8840



21.8720, 30.4400, 21.0320

Previews

White Background



This preview shows how the YIQ color 205.8720, -31.4540, 8.3700 looks on a white background.

Color Contrast Check

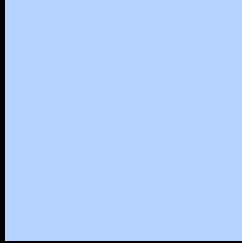
Large Text (above 18pt) WCAG AA × Fail

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 205.8720, -31.4540, 8.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

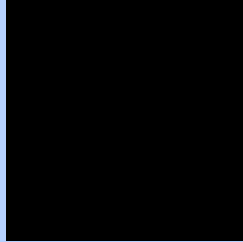
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

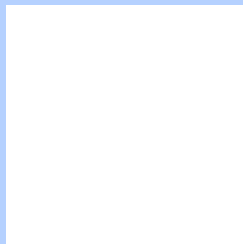
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 205.8720, -31.4540, 8.3700

Background



This preview shows how black text looks on a background with the YIQ color 205.8720, -31.4540, 8.3700.



This preview shows how white text looks on a background with the YIQ color 205.8720, -31.4540,

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

205.8720, -31.4540, 8.3700

Protanopia

207.6670, -20.4510, 12.7090

Deuteranopia

208.6290, -17.2880, 15.9600



Tritanopia

203.8750, -27.5090, -2.5570

Trichromacy



Original Color

205.8720, -31.4540, 8.3700

Protanomaly

206.8730, -24.0270, 11.4370

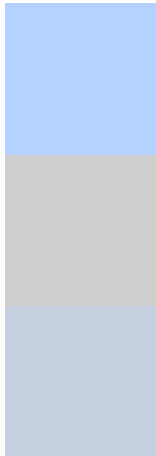
Deuteranomaly

207.4110, -22.6060, 13.2180

Tritanomaly

204.9120, -28.9310, 1.1890

Monochromacy



Original Color

205.8720, -31.4540, 8.3700

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.9480, -11.4170, 3.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.8720, -31.4540, 8.3700 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(181, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 209, 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(181, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 209, 255) }
```

Border

The CSS property to change the border of an element to YIQ 205.8720, -31.4540, 8.3700 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(181, 209, 255) }
```


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

```
.border{ border-color:rgb(181, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 209, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 209, 255); box-shadow:4px 4px 4px 4px rgb(181, 209, 255) }
```

Background

The CSS property to change the background color of an element to YIQ 205.8720, -31.4540, 8.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 209, 255) }
```

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

```
.background{ background-color: rgb(181,  
209, 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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