

Converting Colors

YIQ(133.2220, -96.7890, 8.5150)

Have a look what the booklet for
YIQ(133.2220, -96.7890, 8.5150)
contains.

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Color

**YIQ(133.2220, -96.7890,
8.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	2E9AFF
RGB	46, 154, 255
RGB Percent	18%, 60%, 100%
CMY	0.8197, 0.3959, 0.0005
CMYK	0.82, 0.40, 0.00, 0.00
HSL	209°, 100%, 59%
HSV	209°, 82%, 100%
XYZ	30.7186, 30.9184, 98.8571
YIQ	133.2220, -96.7890, 8.5150

Conversions

Conversions Part 2

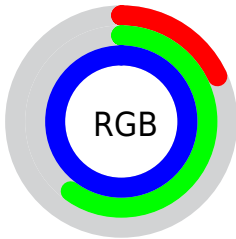
Format	Color
R _Y B	46, 117, 255
Decimal	3054335
CIE Lab	62.44, 5.03, -58.42
CIE LCh	62, 58.640, 274.922
Yxy	30.9184, 0.1914, 0.1926
Android (android.graphics.Color)	4281244415 (0xFF2E9AFF)
YUV	133.2220, 60.0366, -76.4937
Hunter-Lab	55.6043, 1.3050, -66.4867

Details

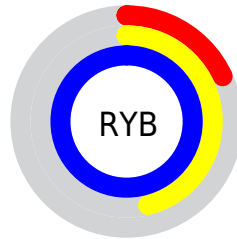
The YIQ color **133.2220, -96.7890, 8.5150** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **167.7780, 96.7890, -8.5150**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5410, -64.5550, -2.9790**, and **83.6200, -92.1580, 7.1860** is the 20% darker color. If you saturate the color by 10%, you get **118.4040, -108.9850, 9.2790**, and if you desaturate by 10%, it is **147.7410, -85.1890, 7.5390**.

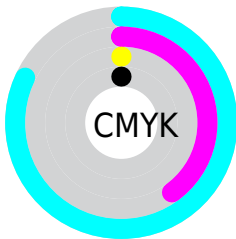
Distribution



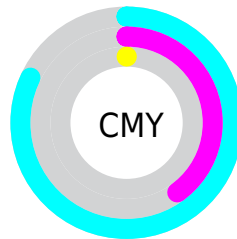
- Red (18%)
- Green (60%)
- Blue (100%)



- Red (18%)
- Yellow (46%)
- Blue (100%)



- Cyan (82%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.2220, -96.7890, 8.5150 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 133.2220, -96.7890, 8.5150 by changing the saturation by 10% instead.

■ 133.2220,
-96.7890, 8.5150

■ 133.2220,
-96.7890, 8.5150

■ 255.0000, -0.0000,
-0.0000

■ 100.9000,
-107.7460, 3.3420

■ 188.5410,
-64.5550, -2.9790

■ 83.5060, -91.8370,
6.8750

■ 214.8440,
-52.5870, -10.6270

■ 66.3400, -76.5700,
11.0300

■ 235.2660,
-39.3360, -13.9920

■ 50.3480, -61.8530,
14.1390

■ 244.8340,
-20.2640, -7.2080

■ 35.6440, -48.0070,
16.5130

■ 254.1030, -1.7880,
-0.6360

■ 20.3530, -33.8860,
19.4100

■ 11.7470, -23.4320,

17.1760

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 133.2220,
-96.7890, 8.5150

■ 133.2220,
-96.7890, 8.5150

■ 118.4040,
-108.9850, 9.2790

■ 147.7410,
-85.1890, 7.5390

■ 106.5540,
-118.1550, 10.2690

■ 163.1460,
-73.2680, 6.2520

■ 177.6650,
-61.6680, 5.2760

■ 192.4830,
-49.4720, 4.5120

■ 207.5890,
-38.1470, 3.0130

■ 222.4070,
-25.9510, 2.2490

■ 236.9260,
-14.3510, 1.2730

■ 251.7440, -2.1550,
0.5090

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



126.5460, -124.8450, -11.6690



133.2220, -96.7890, 8.5150



154.7120, -15.1830, 38.3930

Triad

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



133.2220, -96.7890, 8.5150



148.2200, 82.0660, 21.5380



117.1090, -74.1280, -55.2800

Complementary

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



133.2220, -96.7890, 8.5150



167.7780, 96.7890, -8.5150

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.



138.2650, 4.8220, -43.3540



133.2220, -96.7890, 8.5150



147.3270, 73.3140, -7.0860

Square

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



133.2220, -96.7890, 8.5150



149.5450, 71.7460, 43.3780



143.5710, 48.2390, -31.7370



121.3240, -99.1180, -42.9100

Rectangle

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



133.2220, -96.7890, 8.5150



155.6150, 21.9990, 47.3670



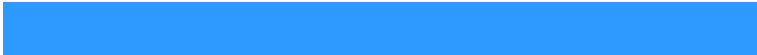
143.5710, 48.2390, -31.7370



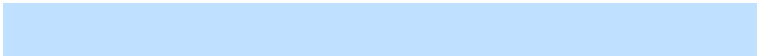
130.4420, -35.3410, -47.8610

Sweetspot

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



133.2220, -96.7890, 8.5150



217.6670, -29.6190, 2.6450



179.7410, -88.6120, -79.1400



105.1860, -18.0190, 1.6690



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.



133.2220, -96.7890, 8.5150



109.2230, -115.7250, 10.2830



73.9350, -69.0140, 61.3380



120.0040, -5.8230, 0.9050



79.8870, -88.5360, 7.6240



26.6670, -29.6190, 2.6450

Inverse Universe

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



120.8030, 89.8960, 77.8960



94.4560, 107.5910, 93.1190



227.0650, 69.0140, -61.3380



119.5710, 5.8220, 4.6220



68.3950, 82.0570, 71.2810



22.8980, 27.5510, 23.8310

Previews

White Background



This preview shows how the YIQ color 133.2220, -96.7890, 8.5150 looks on a white background.

Color Contrast Check

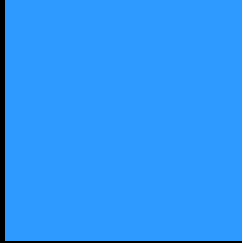
Large Text (above 18pt) WCAG AA × Fail

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 133.2220, -96.7890, 8.5150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

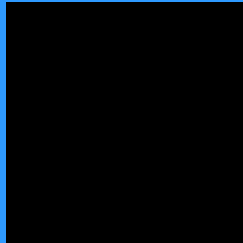
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

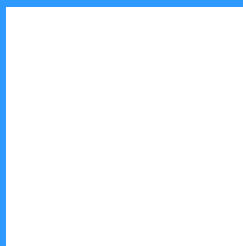
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 133.2220, -96.7890, 8.5150

Background



This preview shows how black text looks on a background with the YIQ color 133.2220, -96.7890, 8.5150.



This preview shows how white text looks on a background with the YIQ color 133.2220, -96.7890,

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

133.2220, -96.7890, 8.5150

Protanopia

146.2660, -55.3900, 23.6660

Deuteranopia

139.5340, -79.8720, 15.8080



Tritanopia

118.4350, -103.3840, -31.6720

Trichromacy



Original Color

133.2220, -96.7890, 8.5150

Protanomaly

141.4920, -70.8860, 18.1540

Deuteranomaly

137.1310, -86.1070, 13.1650

Tritanomaly

123.7750, -100.8650, -16.7450

Monochromacy



Original Color

133.2220, -96.7890, 8.5150

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1440, -35.3960, 2.7160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.2220, -96.7890, 8.5150 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(46, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(46, 154, 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(46, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 154, 255) }
```

Border

The CSS property to change the border of an element to YIQ 133.2220, -96.7890, 8.5150 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(46, 154, 255) }
```


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

```
.border{ border-color:rgb(46, 154, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(46, 154,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 133.2220, -96.7890, 8.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 154, 255) }
```

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

```
.background{ background-color: rgb(46, 154,  
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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