

Converting Colors

YIQ(220.4480, -51.5320,
-13.2280)

Have a look what the booklet for
YIQ(220.4480, -51.5320, -13.2280)
contains.

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Color

**YIQ(220.4480, -51.5320,
-13.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	A3F3FF
RGB	163, 243, 255
RGB Percent	64%, 95%, 100%
CMY	0.3610, 0.0469, 0.0002
CMYK	0.36, 0.05, 0.00, 0.00
HSL	188°, 100%, 82%
HSV	188°, 36%, 100%
XYZ	65.1966, 79.1194, 106.3971
YIQ	220.4480, -51.5320, -13.2280

Conversions

Conversions Part 2

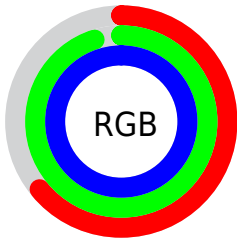
Format	Color
R_{YB}	163, 206, 255
Decimal	10744831
CIE _{Lab}	91.29, -21.49, -13.49
CIE _{LCh}	91, 25.371, 212.111
Yxy	79.1194, 0.2600, 0.3156
Android (android.graphics.Color)	4288934911 (0xFFA3F3FF)
YUV	220.4480, 17.0341, -50.3819
Hunter-Lab	88.9491, -24.8266, -8.6558

Details

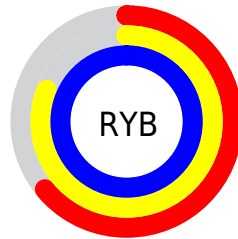
The YIQ color **220.4480, -51.5320, -13.2280** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **197.5520, 51.5320, 13.2280**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8340, -20.2640, -7.2080**, and **164.3340, -51.2110, -13.5390** is the 20% darker color. If you saturate the color by 10%, you get **210.9130, -66.2030, -17.1710**, and if you desaturate by 10%, it is **229.6840, -37.4570, -9.4970**.

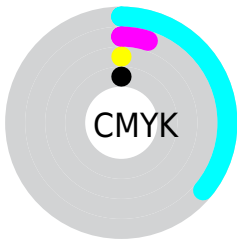
Distribution



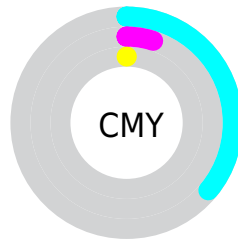
- Red (64%)
- Green (95%)
- Blue (100%)



- Red (64%)
- Yellow (81%)
- Blue (100%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.4480, -51.5320, -13.2280 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 220.4480, -51.5320, -13.2280 by changing the saturation by 10% instead.

220.4480,
-51.5320, -13.2280

220.4480,
-51.5320, -13.2280

255.0000, -0.0000,
-0.0000

192.3340,
-51.2110, -13.5390

244.8340,
-20.2640, -7.2080

164.3340,
-51.2110, -13.5390

253.5050, -2.9800,
-1.0600

136.7360,
-52.4030, -13.9630

108.8390,
-54.1910, -14.5990

78.1580, -65.5150,
-18.6270

59.4370, -52.9990,
-14.1750

43.2000, -38.9700,

-9.6100

■ 27.7780, -25.8580,
-4.9460

■ 9.0620, -11.7380,
3.4780

■ 220.4480,
-51.5320, -13.2280

■ 220.4480,
-51.5320, -13.2280

■ 210.9130,
-66.2030, -17.1710

■ 229.6840,
-37.4570, -9.4970

■ 201.0900,
-80.0030, -20.3790

■ 239.8060,
-23.0610, -6.0770

■ 191.5550,
-94.6740, -24.3220

■ 249.0420, -8.9860,
-2.3460

■ 182.3190,
-108.7490, -28.0530

■ 255.0000, -0.0000,
-0.0000

■ 172.7840,
-123.4200, -31.9960

■ 162.9610,
-137.2200, -35.2040

■ 159.3840,
-142.9050, -36.8010

Harmonies

Analogous

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



220.6910, -39.3350, -19.5190



220.4480, -51.5320, -13.2280



221.9870, -42.6840, -8.3800

Triad

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



220.4480, -51.5320, -13.2280



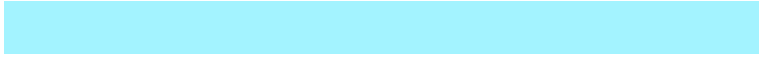
231.8790, 11.3670, 19.7750



229.0240, 25.8150, -10.8010

Complementary

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



220.4480, -51.5320, -13.2280



197.5520, 51.5320, 13.2280

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.



227.4040, 30.8570, -3.0550



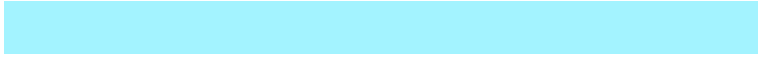
220.4480, -51.5320, -13.2280



227.3820, 19.8960, 13.8800

Square

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



220.4480, -51.5320, -13.2280



230.8340, -1.9280, 12.9200



225.8200, 27.0500, 5.3700



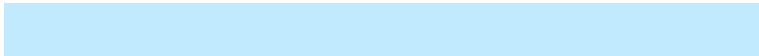
225.7440, 5.8720, -18.3200

Rectangle

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



220.4480, -51.5320, -13.2280



224.4340, -30.5810, -1.9490



225.8200, 27.0500, 5.3700



229.6550, 31.4080, -7.5360

Sweetspot

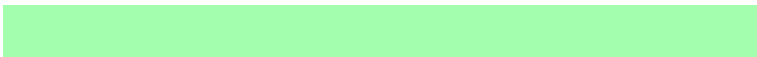
The Sweet Spot groups the original color and five complimentary colors.



220.4480, -51.5320, -13.2280



244.2800, -15.5880, -3.8440



218.2580, -28.8310, -44.6950



121.1560, -9.3070, -2.0350



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.



220.4480, -51.5320, -13.2280



213.8920, -61.7100, -15.9980



194.0330, -39.1570, 10.3070



122.9390, -7.1980, -1.7100



119.2160, -106.9610, -27.4170



39.5810, -35.6690, -8.8610

Inverse Universe

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



199.6280, 29.1520, 44.3840



188.8340, 34.7440, 53.1760



223.9670, 39.1570, -10.3070



120.1410, 4.2170, 6.1770



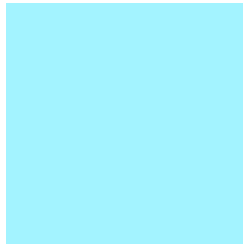
76.0330, 60.5500, 92.1180



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 220.4480, -51.5320, -13.2280 looks on a white background.

Color Contrast Check

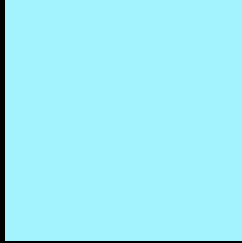
Large Text (above 18pt) WCAG AA × Fail

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 220.4480, -51.5320, -13.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

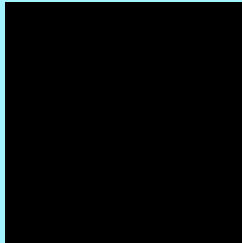
Any Text WCAG AA ✓ Pass

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 220.4480, -51.5320, -13.2280 Background



This preview shows how black text looks on a background with the YIQ color 220.4480, -51.5320, -13.2280.



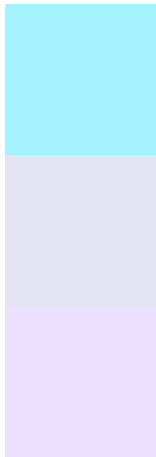
This preview shows how white text looks on a background with the YIQ color 220.4480, -51.5320, -13.2280.

-13.2280.

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

220.4480, -51.5320, -13.2280

Protanopia

229.9380, -5.4570, 5.2870

Deuteranopia

231.1220, -2.7990, 12.1850



Tritanopia

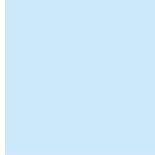
223.4820, -39.7040, -7.3200

Trichromacy



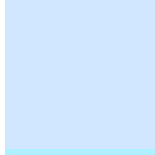
Original Color

220.4480, -51.5320, -13.2280



Protanomaly

226.1530, -22.4200, -1.1720



Deuteranomaly

227.1580, -20.8160, 2.8000



Tritanomaly

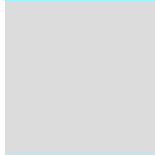
221.9760, -44.1510, -9.3270

Monochromacy



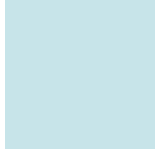
Original Color

220.4480, -51.5320, -13.2280



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

219.8990, -18.8890, -4.5930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.4480, -51.5320, -13.2280 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(163, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 243, 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(163, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 243, 255) }
```

Border

The CSS property to change the border of an element to YIQ 220.4480, -51.5320, -13.2280 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(163, 243, 255) }
```


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

```
.border{ border-color:rgb(163, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 243,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 220.4480, -51.5320, -13.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 243, 255) }
```

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

```
.background{ background-color: rgb(163,  
243, 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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