

Converting Colors

YIQ(213.1530, -76.2870,
-32.6630)

Have a look what the booklet for
YIQ(213.1530, -76.2870, -32.6630)
contains.

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Color

**YIQ(213.1530, -76.2870,
-32.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	78FFF2
RGB	120, 255, 242
RGB Percent	47%, 100%, 95%
CMY	0.5297, 0.0000, 0.0513
CMYK	0.53, 0.00, 0.05, 0.00
HSL	174°, 100%, 74%
HSV	174°, 53%, 100%
XYZ	59.5099, 81.9134, 96.6200
YIQ	213.1530, -76.2870, -32.6630

Conversions

Conversions Part 2

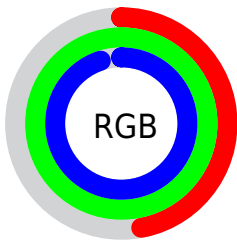
Format	Color
R_{YB}	120, 191, 255
Decimal	7929842
CIE _{Lab}	92.54, -40.08, -5.06
CIE _{LCh}	93, 40.401, 187.193
Yxy	81.9134, 0.2500, 0.3441
Android (android.graphics.Color)	4286119922 (0xFF78FFF2)
YUV	213.1530, 14.2216, -81.6952
Hunter-Lab	90.5060, -41.0175, 0.0590

Details

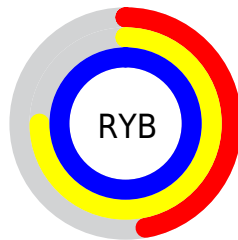
The YIQ color **213.1530, -76.2870, -32.6630** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **161.8470, 76.2870, 32.6630**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, -44.1040, -15.6880**, and **152.3800, -84.3560, -35.1080** is the 20% darker color. If you saturate the color by 10%, you get **205.0370, -90.8200, -39.1080**, and if you desaturate by 10%, it is **220.8560, -62.0290, -26.7410**.

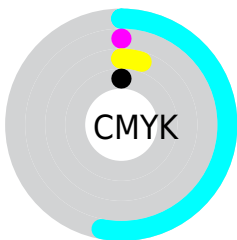
Distribution



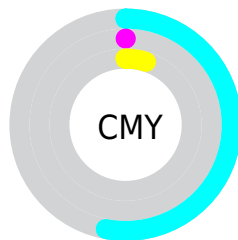
- Red (47%)
- Green (100%)
- Blue (95%)



- Red (47%)
- Yellow (75%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.1530, -76.2870, -32.6630 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 213.1530, -76.2870, -32.6630 by changing the saturation by 10% instead.

213.1530,
-76.2870, -32.6630

213.1530,
-76.2870, -32.6630

255.0000, -0.0000,
-0.0000

183.3700,
-78.3960, -32.9880

232.8740,
-44.1040, -15.6880

152.3800,
-84.3560, -35.1080

242.1430,
-25.6280, -9.1160

117.9160,
-97.7890, -39.4610

251.1130, -7.7480,
-2.7560

99.1030, -82.0180,
-33.4260

80.9910, -66.8430,
-27.6030

62.9930, -51.9890,
-21.4690

46.2830, -38.0060,

-16.0700

■ 30.2740, -24.6190,
-10.8830

■ 12.1450, -10.7740,
-2.9820

■ 213.1530,
-76.2870, -32.6630

■ 213.1530,
-76.2870, -32.6630

■ 205.0370,
-90.8200, -39.1080

■ 220.8560,
-62.0290, -26.7410

■ 197.3340,
-105.0780, -45.0300

■ 228.9720,
-47.4960, -20.2960

■ 189.3320,
-119.9320, -51.1640

■ 236.6750,
-33.2380, -14.3740

■ 181.5150,
-133.8690, -57.3970

■ 244.7910,
-18.7050, -7.9290

■ 175.9050,
-143.9550, -61.8350

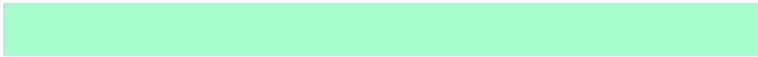
■ 252.4940, -4.4470,
-2.0070

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.



219.6890, -36.9940, -34.4180



213.1530, -76.2870, -32.6630



208.3780, -90.0420, -31.1780

Triad

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



213.1530, -76.2870, -32.6630



233.2590, 7.2410, 17.4570



224.5540, 38.8820, -10.8300

Complementary

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



213.1530, -76.2870, -32.6630



161.8470, 76.2870, 32.6630

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.



220.3600, 34.1570, 3.2210



213.1530, -76.2870, -32.6630



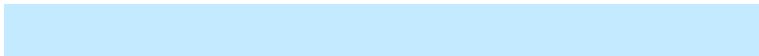
227.9980, 12.6500, 24.0580

Square

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



213.1530, -76.2870, -32.6630



225.0320, -29.3890, -1.5250



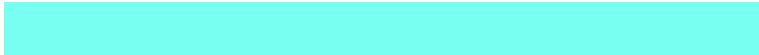
221.6430, 23.6550, 17.3430



230.1910, 35.1700, -20.6540

Rectangle

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



213.1530, -76.2870, -32.6630



211.4120, -78.2140, -25.2700



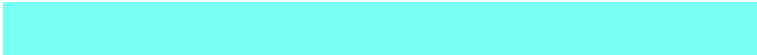
221.6430, 23.6550, 17.3430



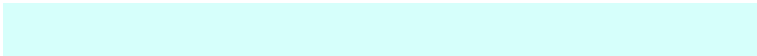
223.0040, 37.7350, -6.5610

Sweetspot

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



213.1530, -76.2870, -32.6630



242.2850, -23.1520, -9.9360



203.1320, -29.3770, -67.8490



120.1830, -13.9370, -6.2330



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

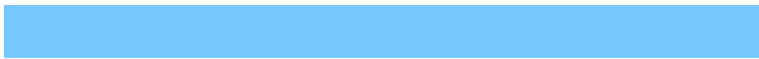
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.1530, -76.2870, -32.6630



204.4390, -92.0120, -39.5320



182.9370, -65.6100, -0.3780



123.8850, -7.1060, -3.3780



131.8390, -108.0580, -46.0900



44.1800, -36.2180, -15.4340

Inverse Universe

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



161.8470, 76.2870, 32.6630



142.5610, 92.0120, 39.5320



192.0630, 65.6100, 0.3780



119.0010, 7.4270, 3.0670



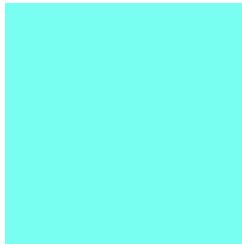
59.2750, 107.7370, 46.4010



19.8200, 36.2180, 15.4340

Previews

White Background



This preview shows how the YIQ color 213.1530, -76.2870, -32.6630 looks on a white background.

Color Contrast Check

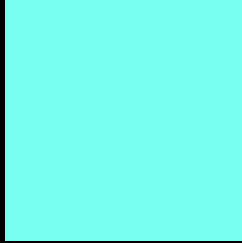
Large Text (above 18pt) WCAG AA × Fail

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 213.1530, -76.2870, -32.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

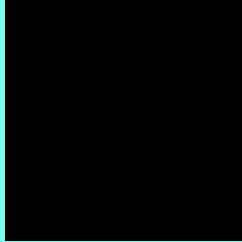
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

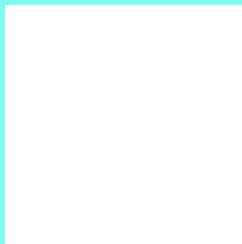
Any Text WCAG AAA ✓ Pass

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

YIQ 213.1530, -76.2870, -32.6630 Background



This preview shows how black text looks on a background with the YIQ color 213.1530, -76.2870, -32.6630.



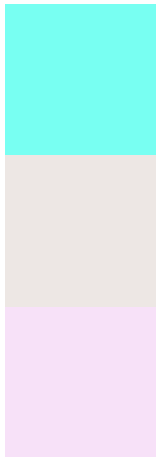
This preview shows how white text looks on a background with the YIQ color 213.1530, -76.2870, -32.6630.

-32.6630.

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

213.1530, -76.2870, -32.6630

Protanopia

232.4520, 4.5390, 0.3390

Deuteranopia

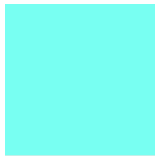
234.2000, 5.7290, 11.8170



Tritanopia

226.4280, -39.6120, -8.9880

Trichromacy



Original Color

213.1530, -76.2870, -32.6630



Protanomaly

225.4480, -25.1690, -11.9290



Deuteranomaly

226.6750, -24.0700, -4.3100



Tritanomaly

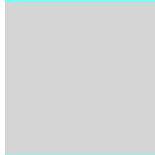
221.3290, -52.8150, -17.5110

Monochromacy



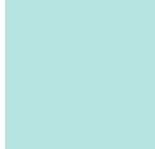
Original Color

213.1530, -76.2870, -32.6630



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

212.8930, -27.9200, -11.6320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.1530, -76.2870, -32.6630 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(120, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(120, 255, 242)  
}
```

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(120, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 255, 242) }
```

Border

The CSS property to change the border of an element to YIQ 213.1530, -76.2870, -32.6630 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(120, 255, 242) }
```


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

```
.border{ border-color:rgb(120, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 255, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 255, 242); box-shadow:4px 4px 4px 4px rgb(120, 255, 242) }
```

Background

The CSS property to change the background color of an element to YIQ 213.1530, -76.2870, -32.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 255, 242) }
```

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

```
.background{ background-color: rgb(120,  
255, 242) }
```

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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