

Converting Colors

YUV(178.5440, 37.6928,
-143.4281)

Have a look what the booklet for
YUV(178.5440, 37.6928, -143.4281)
contains.

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Color

**YUV(178.5440, 37.6928,
-143.4281)**

Conversions

Conversions Part 1

Format	Color
Hex	0FF7FF
RGB	15, 247, 255
RGB Percent	6%, 97%, 100%
CMY	0.9412, 0.0314, 0.0000
CMYK	0.94, 0.03, 0.00, 0.00
HSL	182°, 100%, 53%
HSV	182°, 94%, 100%
XYZ	51.5078, 73.8431, 106.1461
YIQ	178.5440, -140.8400, -46.6960

Conversions

Conversions Part 2

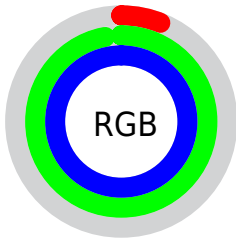
Format	Color
R _Y B	15, 133, 255
Decimal	1046527
CIE Lab	88.85, -44.29, -17.54
CIE LCh	89, 47.634, 201.603
Yxy	73.8431, 0.2225, 0.3190
Android (android.graphics.Color)	4279236607 (0xFF0FF7FF)
YUV	178.5440, 37.6928, -143.4281
Hunter-Lab	85.9320, -43.3878, -13.0846

Details

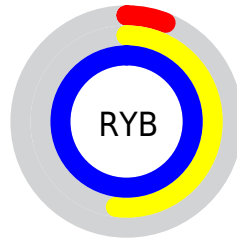
The YUV color **178.5440, 37.6928, -143.4281** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **91.4560, -37.6928, 143.4281**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2330, 19.6051, -81.7653**, and **134.1020, 31.5017, -117.6075** is the 20% darker color. If you saturate the color by 10%, you get **174.0590, 39.9039, -152.6497**, and if you desaturate by 10%, it is **186.9050, 33.5708, -127.9587**.

Distribution



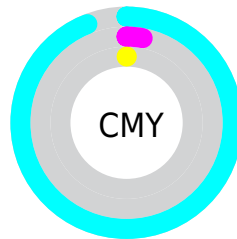
- Red (6%)
- Green (97%)
- Blue (100%)



- Red (6%)
- Yellow (52%)
- Blue (100%)



- Cyan (94%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.5440, 37.6928, -143.4281 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 YUV color 178.5440, 37.6928, -143.4281 by changing the saturation by 10% instead.

178.5440, 37.6928,
-143.4281

178.5440, 37.6928,
-143.4281

255.0000, 0.0000,
0.0000

153.7300, 35.6291,
-134.8212

215.2330, 19.6051,
-81.7653

134.1020, 31.5017,
-117.6075

225.6980, 14.4459,
-60.2481

114.5880, 27.8111,
-100.4937

235.8640, 9.4340,
-39.3457

95.7750, 24.2679,
-83.9947

245.7310, 4.5696,
-19.0581

77.5490, 20.4353,
-68.0105

60.0240, 16.7502,
-52.6410

43.3140, 13.6492,

-37.9864

■ 27.7780, 9.9694,
-24.3613

■ 3.7790, 11.9410,
-3.3142

■ 178.5440, 37.6928,
-143.4281

■ 178.5440, 37.6928,
-143.4281

■ 174.0590, 39.9039,
-152.6497

■ 186.9050, 33.5708,
-127.9587

■ 194.9670, 29.5963,
-113.1041

■ 203.3280, 25.4743,
-97.6347

■ 210.8030, 21.7891,
-82.2652

■ 219.1640, 17.6671,
-66.7958

■ 227.2260, 13.6926,
-51.9412

■ 235.5870, 9.5706,
-36.4718

■ 243.6490, 5.5960,
-21.6172

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



200.3950, 3.7493, -82.7844



178.5440, 37.6928, -143.4281



181.5890, 36.1916, -128.5586

Triad

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



178.5440, 37.6928, -143.4281



222.7150, 15.9165, 28.3139



218.1990, -42.0031, 32.2745

Complementary

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



178.5440, 37.6928, -143.4281



91.4560, -37.6928, 143.4281

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.



211.2010, -28.2001, 38.4117



178.5440, 37.6928, -143.4281



214.3200, 11.6742, 35.6764

Square

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



178.5440, 37.6928, -143.4281



218.3530, 18.0670, -8.2026



209.0760, -8.4185, 40.2753



216.9950, -39.4375, 2.6354

Rectangle

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



178.5440, 37.6928, -143.4281



198.3990, 27.9043, -83.6649



209.0760, -8.4185, 40.2753



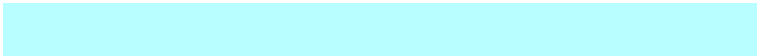
215.7200, -38.8090, 34.4486

Sweetspot

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



178.5440, 37.6928, -143.4281



232.5970, 11.0447, -42.6196



156.7920, -65.9595, -124.3516



113.6700, 7.0647, -26.0206



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.



178.5440, 37.6928, -143.4281



174.0590, 39.9039, -152.6497



108.1040, 72.4197, -81.6522



123.5260, 2.2057, -7.4773



130.3690, 29.8911, -114.3336



43.6900, 10.0128, -38.3161

Inverse Universe

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



113.2080, 65.9595, 124.3516



104.4030, 70.3003, 132.0736



161.8960, -72.4197, 81.6522



120.2550, 3.3253, 6.7924



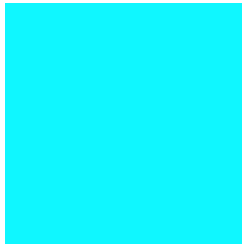
78.1990, 52.6529, 98.9265



26.2040, 17.6474, 33.1471

Previews

White Background



This preview shows how the YUV color 178.5440, 37.6928, -143.4281 looks on a white background.

Color Contrast Check

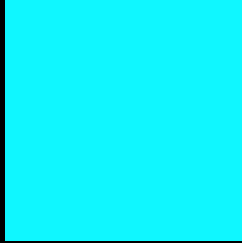
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 178.5440, 37.6928, -143.4281 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](#).

YUV 178.5440, 37.6928, -143.4281 Background



This preview shows how black text looks on a background with the YUV color 178.5440, 37.6928, -143.4281.



This preview shows how white text looks on a background with the YUV color 178.5440, 37.6928, -143.4281.

Color Blindness Simulation

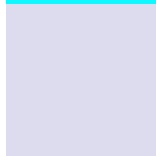
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



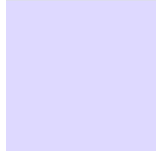
Original Color

178.5440, 37.6928, -143.4281



Protanopia

222.0520, 7.8624, -1.7996



Deuteranopia

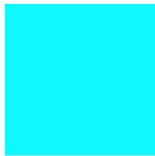
222.8270, 15.8613, -0.7253



Tritanopia

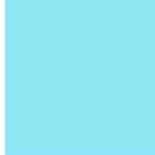
206.4280, 23.9460, -74.0434

Trichromacy



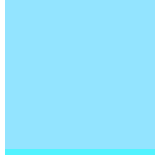
Original Color

178.5440, 37.6928, -143.4281



Protanomaly

206.1810, 18.6448, -53.6557



Deuteranomaly

206.8590, 23.7335, -52.4963



Tritanomaly

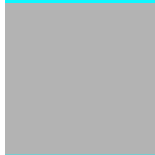
196.5280, 28.8267, -99.5641

Monochromacy



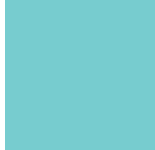
Original Color

178.5440, 37.6928, -143.4281



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.9270, 13.8400, -52.5560

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.5440, 37.6928, -143.4281 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(15, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(15, 247, 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(15, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 247, 255) }
```

Border

The CSS property to change the border of an element to YUV 178.5440, 37.6928, -143.4281 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(15, 247, 255) }
```


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

```
.border{ border-color:rgb(15, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(15, 247,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 178.5440, 37.6928, -143.4281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 247, 255) }
```

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

```
.background{ background-color: rgb(15, 247,  
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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