

Converting Colors

YUV(174.5230, 39.6752,
-125.8697)

Have a look what the booklet for
YUV(174.5230, 39.6752, -125.8697)
contains.

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Color

**YUV(174.5230, 39.6752,
-125.8697)**

Conversions

Conversions Part 1

Format	Color
Hex	1FE8FF
RGB	31, 232, 255
RGB Percent	12%, 91%, 100%
CMY	0.8784, 0.0902, 0.0000
CMYK	0.88, 0.09, 0.00, 0.00
HSL	186°, 100%, 56%
HSV	186°, 88%, 100%
XYZ	47.4717, 65.2245, 104.6953
YIQ	174.5230, -127.1790, -35.4590

Conversions

Conversions Part 2

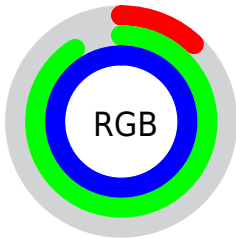
Format	Color
R_{YB}	31, 137, 255
Decimal	2091263
CIE _{Lab}	84.60, -36.91, -23.96
CIE _{LCh}	85, 44.004, 212.983
Yxy	65.2245, 0.2184, 0.3000
Android (android.graphics.Color)	4280281343 (0xFF1FE8FF)
YUV	174.5230, 39.6752, -125.8697
Hunter-Lab	80.7617, -36.4108, -20.3273

Details

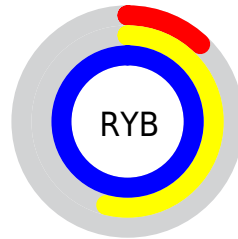
The YUV color **174.5230, 39.6752, -125.8697** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **111.4770, -39.6752, 125.8697**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8310, 19.3103, -80.5358**, and **125.8840, 35.5532, -110.4003** is the 20% darker color. If you saturate the color by 10%, you get **165.2870, 44.2285, -139.6947**, and if you desaturate by 10%, it is **184.0580, 34.9744, -111.4299**.

Distribution



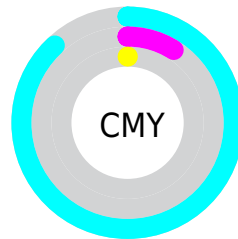
- Red (12%)
- Green (91%)
- Blue (100%)



- Red (12%)
- Yellow (54%)
- Blue (100%)



- Cyan (88%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (88%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5230, 39.6752, -125.8697 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 174.5230, 39.6752, -125.8697 by changing the saturation by 10% instead.

174.5230, 39.6752,
-125.8697

174.5230, 39.6752,
-125.8697

255.0000, 0.0000,
0.0000

145.5120, 39.6806,
-127.6140

215.8310, 19.3103,
-80.5358

125.8840, 35.5532,
-110.4003

225.9970, 14.2985,
-59.6334

106.9570, 31.5732,
-93.8013

235.8640, 9.4340,
-39.3457

88.0300, 27.5932,
-77.2023

245.7310, 4.5696,
-19.0581

70.5050, 23.9080,
-61.8329

52.9800, 20.2229,
-46.4635

36.7430, 16.3957,

-32.2236

■ 21.3210, 13.1527,
-18.6985

■ 3.6650, 11.5042,
-3.2142

■ 174.5230, 39.6752,
-125.8697

■ 174.5230, 39.6752,
-125.8697

■ 165.2870, 44.2285,
-139.6947

■ 184.0580, 34.9744,
-111.4299

■ 163.4930, 45.1130,
-143.3834

■ 192.7070, 30.7104,
-97.0900

■ 201.9430, 26.1571,
-83.2650

■ 210.8910, 21.7457,
-68.3104

■ 220.4260, 17.0450,
-53.8706

■ 229.6620, 12.4916,
-40.0456

■ 238.6100, 8.0803,
-25.0910

■ 247.8460, 3.5269,
-11.2659

■ 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.



185.9840, 13.8119, -90.3170



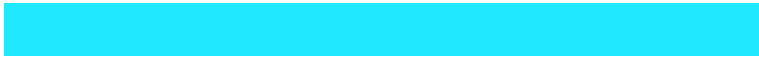
174.5230, 39.6752, -125.8697



186.2610, 33.8883, -89.6829

Triad

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



174.5230, 39.6752, -125.8697



213.3400, 18.0734, 36.5358



208.0130, -39.9394, 23.6676

Complementary

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



174.5230, 39.6752, -125.8697



111.4770, -39.6752, 125.8697

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.



207.0290, -34.0313, 42.0706



174.5230, 39.6752, -125.8697



205.1440, 1.9010, 43.7237

Square

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



174.5230, 39.6752, -125.8697



211.9620, 21.2177, 7.9263



202.8180, -17.1653, 45.7636



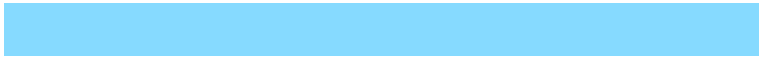
203.3830, -31.2478, -10.8599

Rectangle

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



174.5230, 39.6752, -125.8697



197.1020, 28.5437, -55.3405



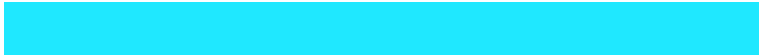
202.8180, -17.1653, 45.7636



208.7800, -39.8245, 33.5189

Sweetspot

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



174.5230, 39.6752, -125.8697



231.1570, 11.7546, -36.9717



164.9960, -55.2140, -117.5145



113.1050, 7.3432, -22.0171



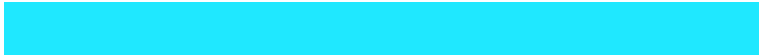
0.0000, 0.0000, 0.0000



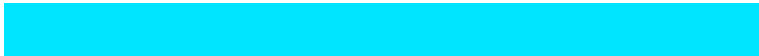
128.0000, 0.0000, 0.0000

Same Dimension

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



174.5230, 39.6752, -125.8697



163.4930, 45.1130, -143.3834



109.3660, 71.7976, -68.7270



122.9390, 2.4951, -6.9625



122.7380, 33.6532, -107.6412



40.7550, 11.4598, -35.7421

Inverse Universe

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



120.8900, 54.7772, 117.6145



102.3510, 62.4380, 133.8732



176.6340, -71.7976, 68.7270



120.1410, 2.8885, 6.8923



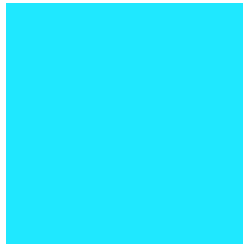
76.7170, 46.9745, 100.2262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 174.5230, 39.6752, -125.8697 looks on a white background.

Color Contrast Check

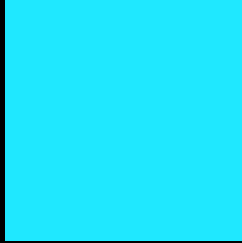
Large Text (above 18pt) WCAG AA × Fail

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 174.5230, 39.6752, -125.8697 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 174.5230, 39.6752, -125.8697 Background



This preview shows how black text looks on a background with the YUV color 174.5230, 39.6752, -125.8697.



This preview shows how white text looks on a background with the YUV color 174.5230, 39.6752, -125.8697.

-125.8697.

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

174.5230, 39.6752, -125.8697

Protanopia

210.3380, 14.1304, -5.5584

Deuteranopia

210.9880, 21.6979, -6.1285



Tritanopia

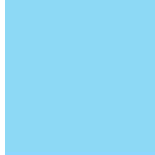
172.5610, 38.6704, -130.2880

Trichromacy



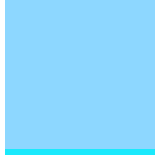
Original Color

174.5230, 39.6752, -125.8697



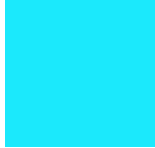
Protanomaly

197.4680, 23.4333, -49.5224



Deuteranomaly

197.4340, 28.3800, -49.4926



Tritanomaly

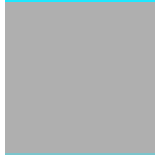
173.5720, 38.6650, -128.5436

Monochromacy



Original Color

174.5230, 39.6752, -125.8697



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.0850, 14.2551, -45.6785

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5230, 39.6752, -125.8697 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(31, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(31, 232, 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(31, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 232, 255) }
```

Border

The CSS property to change the border of an element to YUV 174.5230, 39.6752, -125.8697 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(31, 232, 255) }
```


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

```
.border{ border-color:rgb(31, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(31, 232,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 174.5230, 39.6752, -125.8697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 232, 255) }
```

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

```
.background{ background-color: rgb(31, 232,  
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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