

Converting Colors

YUV(232.7780, -43.7676,
-8.5753)

Have a look what the booklet for
YUV(232.7780, -43.7676, -8.5753)
contains.

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Color

**YUV(232.7780, -43.7676,
-8.5753)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFF90
RGB	223, 255, 144
RGB Percent	87%, 100%, 56%
CMY	0.1255, 0.0000, 0.4353
CMYK	0.13, 0.00, 0.44, 0.00
HSL	77°, 100%, 78%
HSV	77°, 44%, 100%
XYZ	71.2255, 89.2216, 39.8531
YIQ	232.7780, 16.5590, -41.3050

Conversions

Conversions Part 2

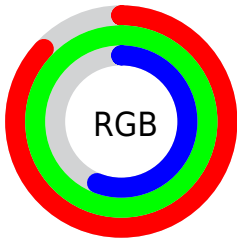
Format	Color
RYB	144, 255, 176
Decimal	14679952
CIELab	95.67, -27.20, 49.48
CIElCh	96, 56.457, 118.797
Yxy	89.2216, 0.3556, 0.4454
Android (android.graphics.Color)	4292870032 (0xFFDFFF90)
YUV	232.7780, -43.7676, -8.5753
Hunter-Lab	94.4572, -30.7021, 41.1046

Details

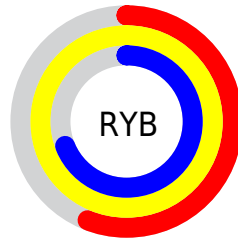
The YUV color **232.7780, -43.7676, -8.5753** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **166.2220, 43.7676, 8.5753**, and the grayscale version is **233.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.6160, -24.4607, 5.5988**, and **176.2340, -42.0204, -8.9752** is the 20% darker color. If you saturate the color by 10%, you get **227.8350, -53.6557, -10.3793**, and if you desaturate by 10%, it is **237.8350, -33.4427, -6.8713**.

Distribution



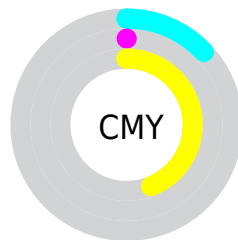
- Red (87%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (69%)



- Cyan (13%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.7780, -43.7676, -8.5753 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 232.7780, -43.7676, -8.5753 by changing the saturation by 10% instead.

232.7780,
-43.7676, -8.5753

232.7780,
-43.7676, -8.5753

255.0000, 0.0000,
0.0000

204.0060,
-42.8940, -8.7753

248.6160,
-24.4607, 5.5988

176.2340,
-42.0204, -8.9752

251.9220,
-11.7935, 2.6994

149.3480,
-41.5836, -9.0752

122.4620,
-41.1468, -9.1752

95.8380, -44.7831,
-9.5049

72.8190, -35.8998,
-12.1193

51.2560, -25.2692,

-15.1335

■ 28.4860, -14.0436,
-22.3512

■ 16.4360, -8.1029,
-14.4144

■ 232.7780,
-43.7676, -8.5753

■ 232.7780,
-43.7676, -8.5753

■ 227.8350,
-53.6557, -10.3793

■ 237.8350,
-33.4427, -6.8713

■ 222.4790,
-63.8331, -12.6981

■ 243.0770,
-23.7020, -4.4525

■ 217.4220,
-74.1580, -14.4021

■ 248.1340,
-13.3771, -2.7485

■ 212.4790,
-84.0461, -16.2061

■ 253.0770, -3.4890,
-0.9445

■ 207.1230, 255.0000, 0.0000,
-94.2236, -18.5249 0.0000

■ 203.8040,
-100.4754, -19.9991

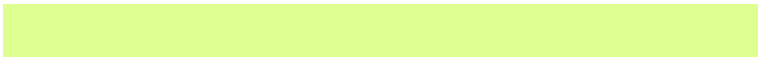
Harmonies

Analogous

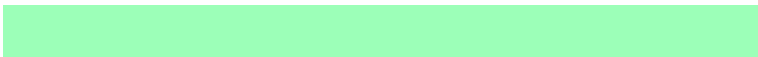
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.4720, -49.5327, 20.6341



232.7780, -43.7676, -8.5753



217.3050, -16.4194, -53.7645

Triad

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



232.7780, -43.7676, -8.5753



178.7550, 37.5888, -156.7681



221.2160, 12.7115, 29.6286

Complementary

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



232.7780, -43.7676, -8.5753



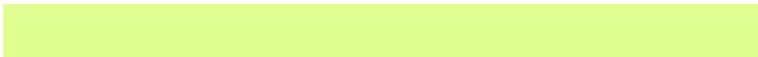
166.2220, 43.7676, 8.5753

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.



227.9980, 13.3120, 23.6808



232.7780, -43.7676, -8.5753



220.3820, 17.0667, -60.8480

Square

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



232.7780, -43.7676, -8.5753



178.7550, 37.5888, -156.7681



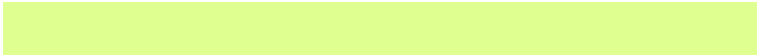
236.4490, 9.1456, 6.6222



217.4080, -12.0331, 32.9682

Rectangle

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



232.7780, -43.7676, -8.5753



204.5510, 7.1234, -91.6912



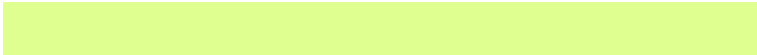
236.4490, 9.1456, 6.6222



223.3020, 15.6271, 27.7991

Sweetspot

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



232.7780, -43.7676, -8.5753



248.2480, -12.9403, -2.8485



195.3860, -25.3333, 52.2815



123.8120, -8.2883, -1.5891



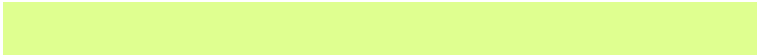
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

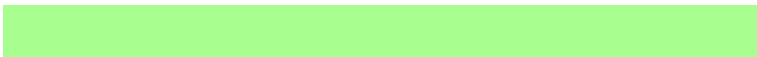
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.7780, -43.7676, -8.5753



228.4760, -52.4927, -10.0645



216.3330, -35.6602, -42.3880



125.3220, -5.0887, -1.1594



152.7810, -75.3210, -14.7169



51.0230, -25.1543, -5.2822

Inverse Universe

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



166.2220, 43.7676, 8.5753



148.8230, 52.3453, 10.6792



182.6670, 35.6602, 42.3880



117.3790, 5.2362, 0.5446



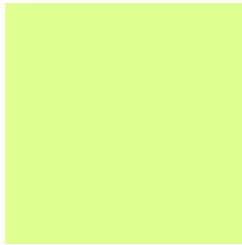
38.2190, 75.3210, 14.7169



12.6780, 25.3017, 4.6674

Previews

White Background



This preview shows how the YUV color 232.7780, -43.7676, -8.5753 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 232.7780, -43.7676, -8.5753 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

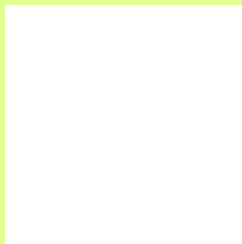
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.7780, -43.7676, -8.5753

Background



This preview shows how black text looks on a background with the YUV color 232.7780, -43.7676, -8.5753.



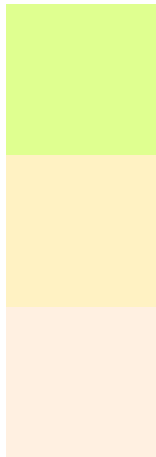
This preview shows how white text looks on a background with the YUV color 232.7780, -43.7676, -8.5753.

-8.5753.

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

232.7780, -43.7676, -8.5753

Protanopia

240.5290, -22.4458, 12.6911

Deuteranopia

242.7750, -8.7631, 10.7213

Tritanopia

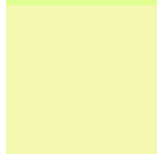
242.5850, 6.1206, -3.1440

Trichromacy



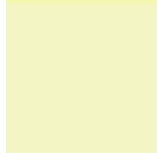
Original Color

232.7780, -43.7676, -8.5753



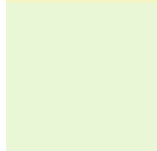
Protanomaly

237.7100, -30.4230, 4.6393



Deuteranomaly

238.8160, -21.1083, 3.6694



Tritanomaly

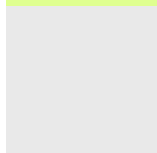
239.1660, -11.9138, -5.4076

Monochromacy



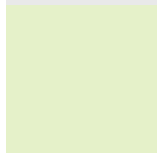
Original Color

232.7780, -43.7676, -8.5753



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

232.8520, -15.7030, -3.3782

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.7780, -43.7676, -8.5753 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(223, 255, 144)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 144)  
}
```

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(223, 255, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 144) }
```

Border

The CSS property to change the border of an element to YUV 232.7780, -43.7676, -8.5753 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(223, 255, 144) }
```


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

```
.border{ border-color:rgb(223, 255, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 144);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 232.7780, -43.7676, -8.5753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 144) }
```

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

```
.background{ background-color: rgb(223,  
255, 144) }
```

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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