

Converting Colors

YUV(146.2510, 53.6133,
70.8169)

Have a look what the booklet for
YUV(146.2510, 53.6133, 70.8169)
contains.

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Color

**YUV(146.2510, 53.6133,
70.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	E354FF
RGB	227, 84, 255
RGB Percent	89%, 33%, 100%
CMY	0.1098, 0.6706, 0.0000
CMYK	0.11, 0.67, 0.00, 0.00
HSL	290°, 100%, 66%
HSV	290°, 67%, 100%
XYZ	52.8989, 29.8915, 97.5893
YIQ	146.2510, 30.3370, 83.4970

Conversions

Conversions Part 2

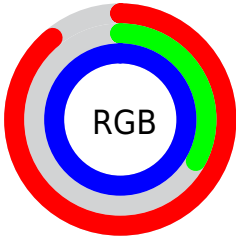
Format	Color
R_{YB}	227, 84, 255
Decimal	14898431
CIE _{Lab}	61.56, 76.97, -59.11
CIE _{LCh}	62, 97.045, 322.479
Yxy	29.8915, 0.2933, 0.1657
Android (android.graphics.Color)	4293088511 (0xFFE354FF)
YUV	146.2510, 53.6133, 70.8169
Hunter-Lab	54.6732, 77.0292, -67.5590

Details

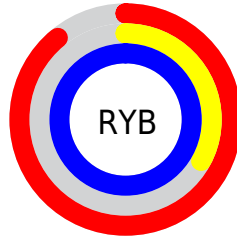
The YUV color **146.2510, 53.6133, 70.8169** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **192.7490, -53.6133, -70.8169**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2560, 32.4118, 57.6575**, and **72.6900, 61.2848, 83.5869** is the 20% darker color. If you saturate the color by 10%, you get **129.7930, 61.7271, 81.7425**, and if you desaturate by 10%, it is **162.1220, 45.7889, 60.4060**.

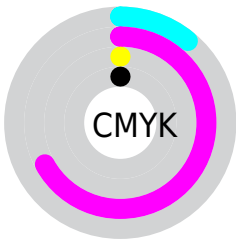
Distribution



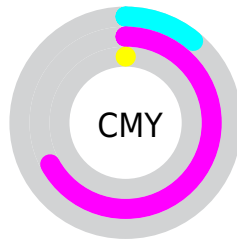
- Red (89%)
- Green (33%)
- Blue (100%)



- Red (89%)
- Yellow (33%)
- Blue (100%)



- Cyan (11%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.2510, 53.6133, 70.8169 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 146.2510, 53.6133, 70.8169 by changing the saturation by 10% instead.


 146.2510, 53.6133,
70.8169


 146.2510, 53.6133,
70.8169


255.0000, 0.0000,
0.0000


 114.6040, 54.9182,
72.2613


 189.2560, 32.4118,
57.6575


 72.6900, 61.2848,
83.5869


 206.2790, 24.0195,
42.7283


 60.6420, 53.9135,
67.8430

 223.8890, 15.3377,
27.2843

 49.0780, 45.8105,
53.4286

 240.9120, 6.9454,
12.3552

 37.4430, 38.7286,
38.1995

 26.5200, 31.7886,
24.1000

 13.5040, 25.8805,

5.6970

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 146.2510, 53.6133,
70.8169

■ 146.2510, 53.6133,
70.8169

■ 129.7930, 61.7271,
81.7425

■ 162.1220, 45.7889,
60.4060

■ 113.9220, 69.5515,
92.1534

■ 178.5800, 37.6751,
49.4803

■ 97.7520, 77.5233,
101.9495

■ 195.3370, 29.4139,
39.1695

■ 92.7570, 79.9858,
105.4531

■ 211.2080, 21.5895,
28.7586

■ 227.0790, 13.7651,
18.3477

■ 243.5370, 5.6513,
7.4221

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.



127.1410, 63.0345, -58.0057



146.2510, 53.6133, 70.8169



96.0810, 38.4141, 139.3720

Triad

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



146.2510, 53.6133, 70.8169



140.2080, -69.1225, 50.6836



132.2900, 39.7900, -116.0183

Complementary

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



146.2510, 53.6133, 70.8169



192.7490, -53.6133, -70.8169

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.



121.4430, 0.7676, -106.5055



146.2510, 53.6133, 70.8169



130.9630, -64.5648, -11.3686

Square

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



146.2510, 53.6133, 70.8169



131.4230, -64.7915, 108.3770



105.9510, -43.3598, -92.9190



135.3170, 59.0037, -118.6730

Rectangle

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



146.2510, 53.6133, 70.8169



89.5830, 13.5166, 145.0707



105.9510, -43.3598, -92.9190



128.9840, 27.1229, -113.1190

Sweetspot

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



146.2510, 53.6133, 70.8169



222.6710, 15.9382, 21.3365



120.5170, 66.3001, -32.0254



108.0090, 9.8556, 12.2701



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.



146.2510, 53.6133, 70.8169



125.3850, 63.9002, 84.7314



148.1250, 24.5884, 93.7294



119.4720, 4.2043, 4.8481



69.6140, 59.8433, 79.2685



23.1430, 20.1425, 26.1846

Inverse Universe

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



138.3210, -12.9763, 102.3275



115.7580, -15.6567, 122.1152



190.8750, -24.5884, -93.7294



119.1150, -1.0427, 7.7921



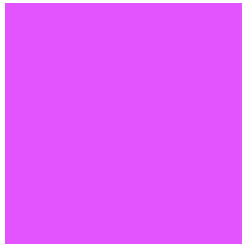
60.6430, -14.6140, 114.3231



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 146.2510, 53.6133, 70.8169 looks on a white background.

Color Contrast Check

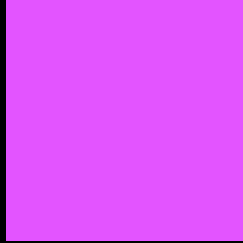
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.2510, 53.6133, 70.8169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

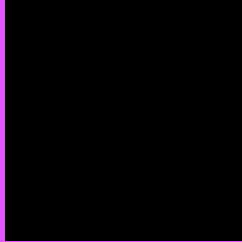
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.2510, 53.6133, 70.8169

Background



This preview shows how black text looks on a background with the YUV color 146.2510, 53.6133, 70.8169.



This preview shows how white text looks on a background with the YUV color 146.2510, 53.6133,

70.8169.

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

146.2510, 53.6133, 70.8169

Protanopia

143.7860, 54.8285, -39.2773

Deuteranopia

141.8900, 50.3402, -46.3845



Tritanopia

150.3380, -9.0406, 53.2006

Trichromacy



Original Color

146.2510, 53.6133, 70.8169



Protanomaly

144.9250, 54.2670, 0.9428



Deuteranomaly

143.2080, 51.6625, -3.6904



Tritanomaly

149.0440, 13.7823, 59.5974

Monochromacy



Original Color

146.2510, 53.6133, 70.8169



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

145.7300, 19.8531, 25.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2510, 53.6133, 70.8169 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(227, 84, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 84, 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(227, 84, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 84, 255) }
```

Border

The CSS property to change the border of an element to YUV 146.2510, 53.6133, 70.8169 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(227, 84, 255) }
```


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

```
.border{ border-color:rgb(227, 84, 255) }
```

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

Here you see how a box with a 4 pixel rgb(227, 84, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 84, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 84, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 84,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 146.2510, 53.6133, 70.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 84, 255) }
```

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

```
.background{ background-color: rgb(227, 84,  
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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