

Converting Colors

YUV(171.4110, 40.7164,
54.0136)

Have a look what the booklet for
YUV(171.4110, 40.7164, 54.0136)
contains.

YUV(171.4110, 40.7164, 54.0136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(171.4110, 40.7164,
54.0136)**

Conversions

Conversions Part 1

Format	Color
Hex	E97CFE
RGB	233, 124, 254
RGB Percent	91%, 49%, 100%
CMY	0.0863, 0.5137, 0.0039
CMYK	0.08, 0.51, 0.00, 0.00
HSL	290°, 98%, 74%
HSV	290°, 51%, 100%
XYZ	58.7013, 38.8947, 98.1795
YIQ	171.4110, 23.2340, 63.5380

Conversions

Conversions Part 2

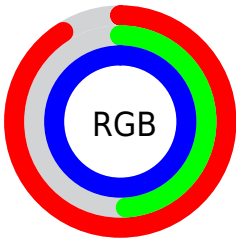
Format	Color
R _Y B	233, 124, 254
Decimal	15301886
CIE Lab	68.67, 60.82, -47.23
CIE LCh	69, 77.006, 322.171
Yxy	38.8947, 0.2998, 0.1987
Android (android.graphics.Color)	4293491966 (0xFFE97CFE)
YUV	171.4110, 40.7164, 54.0136
Hunter-Lab	62.3656, 58.8724, -49.6817

Details

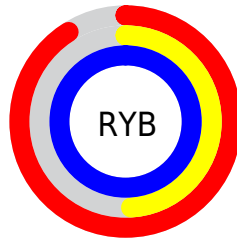
The YUV color **171.4110, 40.7164, 54.0136** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **206.5890, -40.7164, -54.0136**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9750, 21.7043, 38.6099**, and **115.2860, 40.2850, 52.3692** is the 20% darker color. If you saturate the color by 10%, you get **155.5400, 48.5408, 64.4244**, and if you desaturate by 10%, it is **187.2820, 32.8920, 43.6027**.

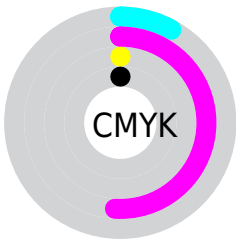
Distribution



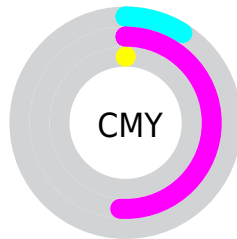
- Red (91%)
- Green (49%)
- Blue (100%)



- Red (91%)
- Yellow (49%)
- Blue (100%)



- Cyan (8%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.4110, 40.7164, 54.0136 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 171.4110, 40.7164, 54.0136 by changing the saturation by 10% instead.


 171.4110, 40.7164,
54.0136


 171.4110, 40.7164,
54.0136


255.0000, 0.0000,
0.0000


 143.5850, 40.1376,
52.9840


 210.9750, 21.7043,
38.6099


 115.2860, 40.2850,
52.3692


 227.9980, 13.3120,
23.6808

 85.8130, 41.0112,
52.7840

 245.0210, 4.9196,
8.7516

 51.7690, 44.4839,
58.9616

 40.4330, 37.2545,
44.3473

 29.5100, 30.3146,
30.2477

 19.5980, 23.3692,

17.8926

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 171.4110, 40.7164,
54.0136

■ 171.4110, 40.7164,
54.0136

■ 155.5400, 48.5408,
64.4244

■ 187.2820, 32.8920,
43.6027

■ 139.0820, 56.6546,
75.3501

■ 203.7400, 24.7782,
32.6770

■ 123.2110, 64.4790,
85.7610

■ 219.6110, 16.9538,
22.2662

■ 106.7530, 72.5928,
96.6866

■ 236.0690, 8.8400,
11.3405

■ 92.6430, 79.5490,
105.5531

■ 252.2390, 0.8682,
1.5444

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



159.2020, 47.2284, -28.2412



171.4110, 40.7164, 54.0136



154.1430, 17.1845, 88.4516

Triad

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



171.4110, 40.7164, 54.0136



157.3300, -77.5637, 51.4536



141.6650, 37.6332, -124.2402

Complementary

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



171.4110, 40.7164, 54.0136



206.5890, -40.7164, -54.0136

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.



132.8700, 6.4731, -116.5270



171.4110, 40.7164, 54.0136



150.2220, -74.0594, 0.6823

Square

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



171.4110, 40.7164, 54.0136



157.7650, -50.1701, 85.2751



135.6060, -29.8788, -76.8305



143.5350, 54.9522, -125.8802

Rectangle

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



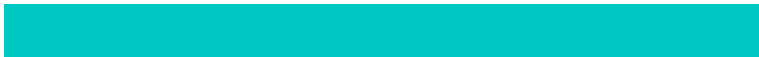
171.4110, 40.7164, 54.0136



148.1980, -3.0556, 93.6654



135.6060, -29.8788, -76.8305



139.6300, 27.2974, -122.4555

Sweetspot

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



171.4110, 40.7164, 54.0136



230.9000, 11.8813, 15.8737



151.7340, 50.4171, -24.3227



113.3030, 7.2456, 9.3813



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.



171.4110, 40.7164, 54.0136



155.9530, 48.8302, 64.9392



172.7880, 18.8385, 71.2229



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.



165.2640, -9.9902, 77.8215



148.6080, -11.6387, 93.3058



205.2120, -18.8385, -71.2229



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 171.4110, 40.7164, 54.0136 looks on a white background.

Color Contrast Check

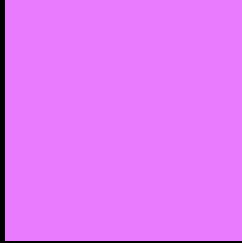
Large Text (above 18pt) WCAG AA × Fail

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 171.4110, 40.7164, 54.0136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

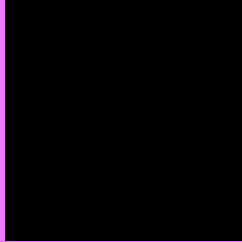
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.4110, 40.7164, 54.0136

Background



This preview shows how black text looks on a background with the YUV color 171.4110, 40.7164, 54.0136.



This preview shows how white text looks on a background with the YUV color 171.4110, 40.7164,

54.0136.

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

171.4110, 40.7164, 54.0136

Protanopia

166.2900, 43.7340, -27.4413

Deuteranopia

166.4380, 39.2241, -27.5711



Tritanopia

170.1950, -5.5191, 43.6790

Trichromacy



Original Color

171.4110, 40.7164, 54.0136



Protanomaly

168.2490, 42.7682, 2.4126



Deuteranomaly

168.1520, 39.8581, 2.4977

Tritanomaly

170.9840, 11.3469, 47.3720

Monochromacy



Original Color

171.4110, 40.7164, 54.0136



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.3180, 14.6332, 19.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4110, 40.7164, 54.0136 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(233, 124, 254)` looks like.

```
.text, #text, p{  
    color:rgb(233, 124, 254)  
}
```

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(233, 124, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 124, 254) }
```

Border

The CSS property to change the border of an element to YUV 171.4110, 40.7164, 54.0136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

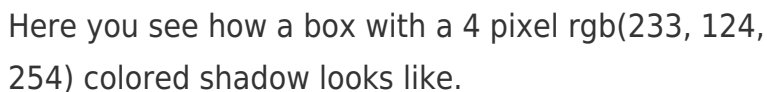
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 124, 254) }
```


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

```
.border{ border-color:rgb(233, 124, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(233, 124, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 124, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 124, 254); box-shadow:4px 4px 4px 4px rgb(233, 124, 254) }
```

Background

The CSS property to change the background color of an element to YUV 171.4110, 40.7164, 54.0136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 124, 254) }
```

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

```
.background{ background-color: rgb(233,  
124, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor