

Converting Colors

YUV(161.4220, 40.7110,
55.7579)

Have a look what the booklet for
YUV(161.4220, 40.7110, 55.7579)
contains.

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Color

**YUV(161.4220, 40.7110,
55.7579)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E171F4 |
| RGB | 225, 113, 244 |
| RGB Percent | 88%, 44%, 96% |
| CMY | 0.1176, 0.5569, 0.0431 |
| CMYK | 0.08, 0.54, 0.00, 0.04 |
| HSL | 291°, 86%, 70% |
| HSV | 291°, 54%, 96% |
| XYZ | 53.2856, 34.3495, 89.4096 |
| YIQ | 161.4220, 24.7010, 64.4850 |

Conversions

Conversions Part 2

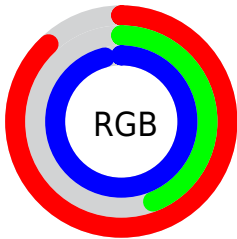
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 113, 244 |
| Decimal | 14774772 |
| CIE Lab | 65.24, 62.11, -47.22 |
| CIE LCh | 65, 78.023, 322.758 |
| Yxy | 34.3495, 0.3010, 0.1940 |
| Android (android.graphics.Color) | 4292964852 (0xFFE171F4) |
| YUV | 161.4220, 40.7110, 55.7579 |
| Hunter-Lab | 58.6084, 59.7239, -49.4235 |

Details

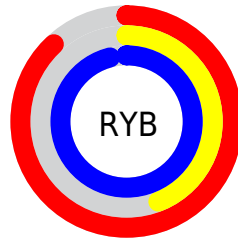
The YUV color **161.4220, 40.7110, 55.7579** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **195.5780, -40.7110, -55.7579**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.5180, 24.8876, 44.2727**, and **104.7100, 40.5690, 54.6283** is the 20% darker color. If you saturate the color by 10%, you get **146.1380, 48.2460, 65.6540**, and if you desaturate by 10%, it is **176.7060, 33.1759, 45.8618**.

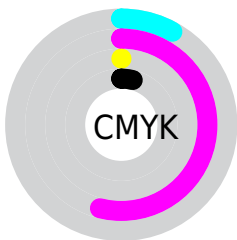
Distribution



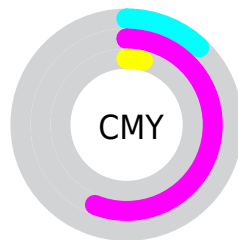
- Red (88%)
- Green (44%)
- Blue (96%)



- Red (88%)
- Yellow (44%)
- Blue (96%)



- Cyan (8%)
- Magenta (54%)
- Yellow (0%)
- Black (4%)





- Cyan (12%)
- Magenta (56%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.4220, 40.7110, 55.7579 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 161.4220, 40.7110, 55.7579 by changing the saturation by 10% instead.


 161.4220, 40.7110,
55.7579


 161.4220, 40.7110,
55.7579


255.0000, 0.0000,
0.0000


 133.0090, 40.4216,
55.2431


 204.5180, 24.8876,
44.2727


 104.7100, 40.5690,
54.6283


 220.9540, 16.7847,
29.8583

 73.3020, 42.7421,
57.6171

 237.9770, 8.3923,
14.9292

 48.3510, 41.7320,
54.9432

 37.3140, 34.3552,
40.9436

 26.3910, 27.4152,
26.8441

 15.6960, 21.3489,

12.5446

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 161.4220, 40.7110,
55.7579

■ 161.4220, 40.7110,
55.7579

■ 146.1380, 48.2460,
65.6540

■ 176.7060, 33.1759,
45.8618

■ 130.5660, 55.9230,
76.6796

■ 192.2780, 25.4989,
34.8362

■ 115.2820, 63.4580,
86.5757

■ 207.5620, 17.9639,
24.9401

■ 99.7100, 71.1350,
97.6013

■ 223.1340, 10.2869,
13.9145

90.3070, 75.7706,
104.0938

238.4180, 2.7519,
4.0184

251.0550, -3.4781,
-4.4332

252.2510, -4.0677,
-1.9741

253.1480, -4.5100,
-0.1298

253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



150.6410, 51.4490, -28.6262



161.4220, 40.7110, 55.7579



145.2580, 16.1418, 96.2437

Triad

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



161.4220, 40.7110, 55.7579



148.4590, -73.1903, 48.7095



135.5840, 37.1801, -118.9072

Complementary

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



161.4220, 40.7110, 55.7579



195.5780, -40.7110, -55.7579

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.



126.7890, 6.0200, -111.1940



161.4220, 40.7110, 55.7579



141.9380, -69.9754, -2.5766

Square

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



161.4220, 40.7110, 55.7579



150.4020, -52.9492, 89.9784



120.6260, -26.9306, -89.1260



137.6650, 57.8462, -120.7322

Rectangle

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



161.4220, 40.7110, 55.7579



139.4270, -3.6615, 101.3575



120.6260, -26.9306, -89.1260



132.8480, 26.6969, -116.5077

Sweetspot

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



161.4220, 40.7110, 55.7579



229.1390, 12.7495, 17.4181



139.6740, 51.4327, -23.3931



112.1290, 7.8244, 10.4109



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.



161.4220, 40.7110, 55.7579



152.1430, 50.7085, 69.1576



161.8590, 17.8175, 72.0377



114.6570, 3.6201, 5.5628



68.7450, 57.8067, 79.1536



21.6760, 18.4007, 24.8401

Inverse Universe

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



154.3350, -11.0112, 78.6362



143.3590, -13.9810, 97.9092



195.1410, -17.8175, -72.0377



113.8160, -0.8953, 7.1774



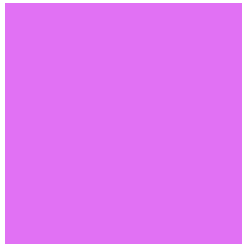
58.6920, -15.6242, 111.6491



18.6670, -4.7658, 35.3720

Previews

White Background



This preview shows how the YUV color 161.4220, 40.7110, 55.7579 looks on a white background.

Color Contrast Check

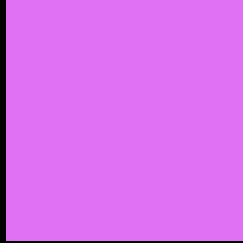
Large Text (above 18pt) WCAG AA × Fail

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 161.4220, 40.7110, 55.7579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

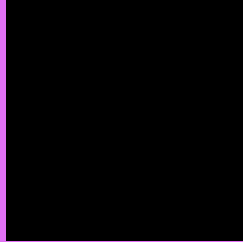
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.4220, 40.7110, 55.7579

Background



This preview shows how black text looks on a background with the YUV color 161.4220, 40.7110, 55.7579.



This preview shows how white text looks on a background with the YUV color 161.4220, 40.7110,

55.7579.

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

161.4220, 40.7110, 55.7579

Protanopia

156.2230, 48.6971, -32.6446

Deuteranopia

156.7260, 39.0821, -28.7007



Tritanopia

161.2660, -6.5401, 44.4937

Trichromacy



Original Color

161.4220, 40.7110, 55.7579



Protanomaly

158.0360, 45.8313, -0.0316



Deuteranomaly

158.7390, 39.5687, 1.9829



Tritanomaly

161.4680, 10.6153, 48.7016

Monochromacy



Original Color

161.4220, 40.7110, 55.7579



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

161.3180, 14.6332, 19.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.4220, 40.7110, 55.7579 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(225, 113, 244)` looks like.

```
.text, #text, p{  
    color:rgb(225, 113, 244)  
}
```

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(225, 113, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 113, 244) }
```

Border

The CSS property to change the border of an element to YUV 161.4220, 40.7110, 55.7579 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(225, 113, 244) }
```


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

```
.border{ border-color:rgb(225, 113, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 113, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 113, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 113, 244);  
box-shadow:4px 4px 4px 4px rgb(225, 113,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 161.4220, 40.7110, 55.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 113, 244) }
```

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

```
.background{ background-color: rgb(225,  
113, 244) }
```

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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