

Converting Colors

YUV(74.5080, 77.1506, 34.6345)

Have a look what the booklet for
YUV(74.5080, 77.1506, 34.6345)
contains.

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Color

**YUV(74.5080, 77.1506,
34.6345)**

Conversions

Conversions Part 1

Format	Color
Hex	7218E7
RGB	114, 24, 231
RGB Percent	45%, 9%, 91%
CMY	0.5529, 0.9059, 0.0941
CMYK	0.51, 0.90, 0.00, 0.09
HSL	266°, 81%, 50%
HSV	266°, 90%, 91%
XYZ	21.6899, 10.0002, 76.3884
YIQ	74.5080, -12.8070, 83.4570

Conversions

Conversions Part 2

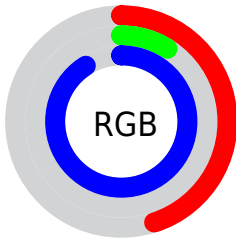
Format	Color
R _Y B	114, 24, 231
Decimal	7477479
CIE Lab	37.84, 73.46, -84.88
CIE LCh	38, 112.258, 310.876
Yxy	10.0002, 0.2007, 0.0925
Android (android.graphics.Color)	4285667559 (0xFF7218E7)
YUV	74.5080, 77.1506, 34.6345
Hunter-Lab	31.6231, 67.0904, -121.0841

Details

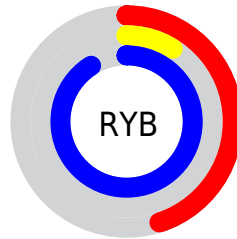
The YUV color **74.5080, 77.1506, 34.6345** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **180.4920, -77.1506, -34.6345**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7630, 60.2628, 37.9188**, and **32.0950, 69.9592, 7.8097** is the 20% darker color. If you saturate the color by 10%, you get **57.1200, 85.7228, 38.4828**, and if you desaturate by 10%, it is **91.8960, 68.5783, 30.7862**.

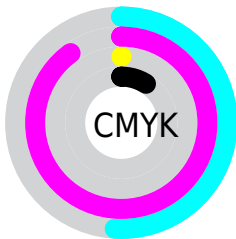
Distribution



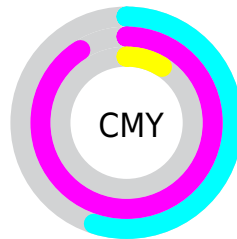
- Red (45%)
- Green (9%)
- Blue (91%)



- Red (45%)
- Yellow (9%)
- Blue (91%)



- Cyan (51%)
- Magenta (90%)
- Yellow (0%)
- Black (9%)



- Cyan (55%)
- Magenta (91%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.5080, 77.1506, 34.6345 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 74.5080, 77.1506, 34.6345 by changing the saturation by 10% instead.

74.5080, 77.1506,
34.6345

74.5080, 77.1506,
34.6345

255.0000, 0.0000,
0.0000

47.2470, 76.2932,
29.6014

132.7630, 60.2628,
37.9188

32.0950, 69.9592,
7.8097

158.4680, 47.5903,
42.5626

16.6440, 63.7725,
-14.5968

184.1730, 34.9177,
47.2063

13.5660, 51.9790,
-11.8974

205.6920, 24.3088,
43.2431

10.6020, 40.6222,
-9.2980

222.7150, 15.9165,
28.3139

12.5620, 27.8239,
-11.0169

239.7380, 7.5242,

6.8910, 18.7877,

13.3848

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 74.5080, 77.1506,
34.6345

■ 74.5080, 77.1506,
34.6345

■ 57.1200, 85.7228,
38.4828

■ 91.8960, 68.5783,
30.7862

■ 56.2340, 86.1596,
38.3828

■ 109.2840, 60.0060,
26.9379

■ 126.6720, 51.4337,
23.0897

■ 144.0600, 42.8614,
19.2414

■ 162.0350, 33.9997,
14.8783

■ 179.4230, 25.4275,
11.0300

■ 196.8110, 16.8552,
7.1818

■ 214.1990, 8.2829,
3.3335

■ 231.8860, -0.4368,
0.1000

Harmonies

Analogous

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



84.8350, 83.8913, -74.4003



74.5080, 77.1506, 34.6345



80.3030, 34.8536, 114.6213

Triad

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



74.5080, 77.1506, 34.6345



80.6790, -39.7747, 64.3025



83.1740, 19.1412, -72.9436

Complementary

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



74.5080, 77.1506, 34.6345



180.4920, -77.1506, -34.6345

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.



70.0300, -26.1438, -61.4163



74.5080, 77.1506, 34.6345



80.5600, -39.7161, -1.3681

Square

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



74.5080, 77.1506, 34.6345



62.1920, -30.6607, 127.8736



65.1570, -32.1224, -57.1427



94.9670, 56.7113, -83.2861

Rectangle

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



74.5080, 77.1506, 34.6345



79.4430, 5.6976, 132.9155



65.1570, -32.1224, -57.1427



79.5260, 5.1637, -69.7443

Sweetspot

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



74.5080, 77.1506, 34.6345



202.8360, 25.7169, 11.5448



116.2770, 56.5584, -80.9269



96.7570, 15.4028, 6.3521



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.



74.5080, 77.1506, 34.6345



62.2590, 95.0213, 42.7459



105.3050, 61.9676, 97.9565



105.8630, 4.5045, 1.8741



43.7280, 66.6891, 30.0565



12.3920, 19.0337, 8.4262

Inverse Universe

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



99.2310, 20.5921, 115.5614



92.6610, 25.3101, 142.3713



149.6950, -61.9676, -97.9565



107.3860, 1.2887, 6.6775



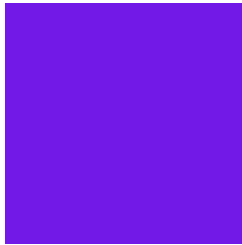
65.0350, 17.7307, 99.9473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 74.5080, 77.1506, 34.6345 looks on a white background.

Color Contrast Check

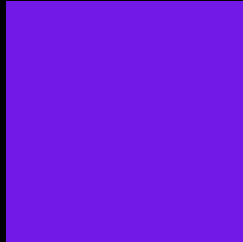
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 74.5080, 77.1506, 34.6345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

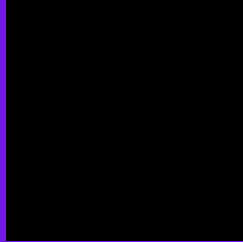
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.5080, 77.1506, 34.6345

Background



This preview shows how black text looks on a background with the YUV color 74.5080, 77.1506, 34.6345.



This preview shows how white text looks on a background with the YUV color 74.5080, 77.1506,

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

74.5080, 77.1506, 34.6345

Protanopia

71.1160, 54.1728, -62.3687

Deuteranopia

71.6740, 41.0797, -62.8581



Tritanopia

88.0140, 5.4161, -10.5363

Trichromacy



Original Color

74.5080, 77.1506, 34.6345

Protanomaly

71.9260, 62.6475, -27.1221

Deuteranomaly

72.4500, 54.5011, -27.5817

Tritanomaly

82.9970, 31.5535, 6.1416

Monochromacy



Original Color

74.5080, 77.1506, 34.6345

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.5310, 28.3322, 12.6893

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5080, 77.1506, 34.6345 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(114, 24, 231)` looks like.

```
.text, #text, p{  
    color:rgb(114, 24, 231)  
}
```

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(114, 24, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 24, 231) }
```

Border

The CSS property to change the border of an element to YUV 74.5080, 77.1506, 34.6345 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(114, 24, 231) }
```


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

```
.border{ border-color:rgb(114, 24, 231) }
```

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

Here you see how a box with a 4 pixel rgb(114, 24, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 24, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 24, 231);  
box-shadow:4px 4px 4px 4px rgb(114, 24,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 74.5080, 77.1506, 34.6345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 24, 231) }
```

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

```
.background{ background-color: rgb(114, 24,  
231) }
```

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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