

Converting Colors

YUV(172.3260, 36.3213,
63.7351)

Have a look what the booklet for
YUV(172.3260, 36.3213, 63.7351)
contains.

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Color

**YUV(172.3260, 36.3213,
63.7351)**

Conversions

Conversions Part 1

Format	Color
Hex	F579F6
RGB	245, 121, 246
RGB Percent	96%, 47%, 96%
CMY	0.0392, 0.5255, 0.0353
CMYK	0.00, 0.51, 0.00, 0.04
HSL	300°, 87%, 72%
HSV	300°, 51%, 96%
XYZ	61.1281, 39.7410, 91.6378
YIQ	172.3260, 33.7790, 65.1630

Conversions

Conversions Part 2

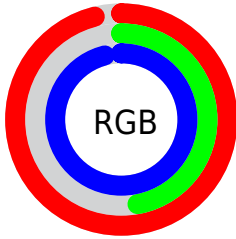
Format	Color
R _Y B	245, 121, 246
Decimal	16087542
CIE _{Lab}	69.28, 63.98, -41.79
CIE _{LCh}	69, 76.419, 326.852
Y _{xy}	39.7410, 0.3175, 0.2064
Android (android.graphics.Color)	4294277622 (0xFFFF579F6)
YUV	172.3260, 36.3213, 63.7351
Hunter-Lab	63.0405, 62.7642, -42.0576

Details

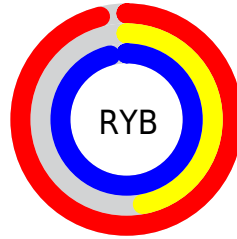
The YUV color **172.3260, 36.3213, 63.7351** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **194.6740, -36.3213, -63.7351**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8010, 22.2831, 39.6395**, and **114.7280, 36.6161, 62.5055** is the 20% darker color. If you saturate the color by 10%, you get **157.6510, 43.5561, 76.6051**, and if you desaturate by 10%, it is **187.0010, 29.0865, 50.8651**.

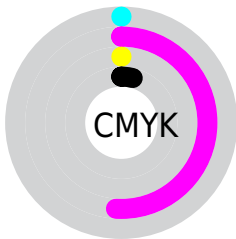
Distribution



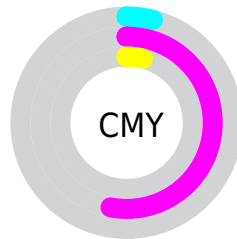
- Red (96%)
- Green (47%)
- Blue (96%)



- Red (96%)
- Yellow (47%)
- Blue (96%)



- Cyan (0%)
- Magenta (51%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (53%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.3260, 36.3213, 63.7351 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 172.3260, 36.3213, 63.7351 by changing the saturation by 10% instead.

 172.3260, 36.3213,
63.7351


 172.3260, 36.3213,
63.7351


255.0000, 0.0000,
0.0000

 143.6140, 36.1793,
62.6055


 209.8010, 22.2831,
39.6395


 114.7280, 36.6161,
62.5055


 226.2370, 14.1802,
25.2252

 84.1950, 38.3579,
63.8500

 243.8470, 5.4984,
9.7812

 53.9610, 39.9522,
65.8092

 42.9240, 32.5755,
51.8097

 31.7020, 25.7829,
37.0953

 22.2030, 19.1269,

25.2550

■ 9.1160, 14.2398,
6.0373

■ 2.1830, 5.8258,
-1.9145

■ 172.3260, 36.3213,
63.7351

■ 172.3260, 36.3213,
63.7351

■ 157.6510, 43.5561,
76.6051

■ 187.0010, 29.0865,
50.8651

■ 143.5630, 50.5014,
88.9602

■ 201.0890, 22.1411,
38.5099

■ 128.5890, 57.8836,
101.2154

■ 216.0630, 14.7589,
26.2547

■ 114.5010, 64.8290,
113.5706

■ 230.1510, 7.8136,
13.8996

101.0000, 71.4850,
125.4110

244.8260, 0.5788,
1.0296

251.2830, -2.6045,
-4.6332

251.5820, -2.7519,
-4.0184

Harmonies

Analogous

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



164.9160, 44.4114, -11.3273



172.3260, 36.3213, 63.7351



153.7040, 12.9639, 88.8366

Triad

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



172.3260, 36.3213, 63.7351



158.4600, -78.1208, 43.4466



144.2070, 42.2959, -126.4695

Complementary

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



172.3260, 36.3213, 63.7351



194.6740, -36.3213, -63.7351

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.



135.5260, 11.5727, -118.8563



172.3260, 36.3213, 63.7351



151.4040, -66.7542, -9.1243

Square

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



172.3260, 36.3213, 63.7351



161.0760, -55.2535, 82.3713



124.4970, -17.9930, -109.1839



143.5350, 54.9522, -125.8802

Rectangle

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



172.3260, 36.3213, 63.7351



149.5200, -8.1444, 92.5060



124.4970, -17.9930, -109.1839



141.5850, 32.2496, -124.1700

Sweetspot

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



172.3260, 36.3213, 63.7351



232.6940, 10.9969, 19.5624



136.4240, 54.0210, -13.5268



114.2000, 6.8034, 11.2256



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.



172.3260, 36.3213, 63.7351



163.1290, 45.2924, 79.6939



165.7850, 9.9660, 70.3486



114.9560, 3.4727, 6.1776



76.5190, 53.9741, 95.1378



24.0680, 17.2215, 29.7584

Inverse Universe

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



158.4890, -17.9891, 76.7471



145.8720, -22.1219, 95.7053



201.2150, -9.9660, -70.3486



113.5880, -1.7689, 7.3773



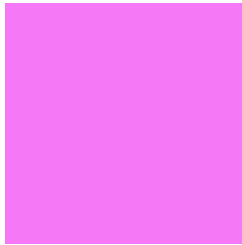
55.7280, -26.9809, 114.2485



17.6410, -8.6970, 36.2718

Previews

White Background



This preview shows how the YUV color 172.3260, 36.3213, 63.7351 looks on a white background.

Color Contrast Check

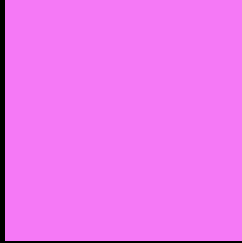
Large Text (above 18pt) WCAG AA × Fail

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 172.3260, 36.3213, 63.7351 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 172.3260, 36.3213, 63.7351 Background



This preview shows how black text looks on a background with the YUV color 172.3260, 36.3213, 63.7351.



This preview shows how white text looks on a background with the YUV color 172.3260, 36.3213,

63.7351.

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

172.3260, 36.3213, 63.7351

Protanopia

168.3610, 42.7130, -26.6266

Deuteranopia

169.1030, 33.9662, -21.1383



Tritanopia

172.0500, -8.8986, 54.3302

Trichromacy



Original Color

172.3260, 36.3213, 63.7351



Protanomaly

169.7010, 40.5734, 6.4012



Deuteranomaly

170.2300, 34.8896, 9.4453



Tritanomaly

172.3120, 7.2412, 57.6084

Monochromacy



Original Color

172.3260, 36.3213, 63.7351



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.9980, 13.3120, 23.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3260, 36.3213, 63.7351 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(245, 121, 246)` looks like.

```
.text, #text, p{  
    color:rgb(245, 121, 246)  
}
```

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(245, 121, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 121, 246) }
```

Border

The CSS property to change the border of an element to YUV 172.3260, 36.3213, 63.7351 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(245, 121, 246) }
```


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

```
.border{ border-color:rgb(245, 121, 246) }
```

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

Here you see how a box with a 4 pixel rgb(245, 121, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 121, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 121, 246);  
box-shadow:4px 4px 4px 4px rgb(245, 121,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 172.3260, 36.3213, 63.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 121, 246) }
```

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

```
.background{ background-color: rgb(245,  
121, 246) }
```

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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