

Converting Colors

YUV(172.3120, 27.4542,
61.1164)

Have a look what the booklet for
YUV(172.3120, 27.4542, 61.1164)
contains.

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Color

**YUV(172.3120, 27.4542,
61.1164)**

Conversions

Conversions Part 1

Format	Color
Hex	F27EE4
RGB	242, 126, 228
RGB Percent	95%, 49%, 89%
CMY	0.0510, 0.5059, 0.1059
CMYK	0.00, 0.48, 0.06, 0.05
HSL	307°, 82%, 72%
HSV	307°, 48%, 95%
XYZ	58.0824, 39.4004, 77.9425
YIQ	172.3120, 36.3940, 56.3140

Conversions

Conversions Part 2

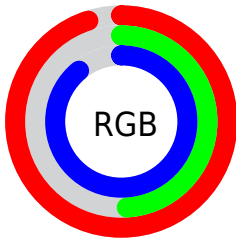
Format	Color
R _{YB}	242, 126, 228
Decimal	15892196
CIE _{Lab}	69.04, 57.75, -32.29
CIE _{LCh}	69, 66.160, 330.788
Yxy	39.4004, 0.3311, 0.2246
Android (android.graphics.Color)	4294082276 (0xFFFF27EE4)
YUV	172.3120, 27.4542, 61.1164
Hunter-Lab	62.7697, 55.3235, -29.6829

Details

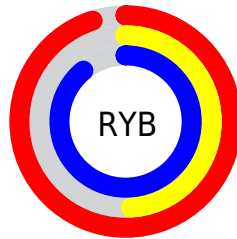
The YUV color **172.3120, 27.4542, 61.1164** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **195.6880, -27.4542, -61.1164**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1490, 21.1255, 37.5803**, and **116.3010, 27.4596, 59.3720** is the 20% darker color. If you saturate the color by 10%, you get **157.8820, 33.0892, 73.7715**, and if you desaturate by 10%, it is **186.7420, 21.8192, 48.4613**.

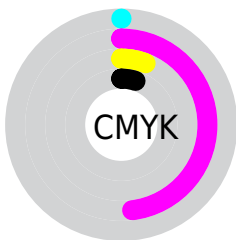
Distribution



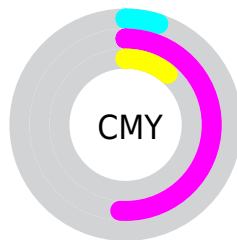
- Red (95%)
- Green (49%)
- Blue (89%)



- Red (95%)
- Yellow (49%)
- Blue (89%)



- Cyan (0%)
- Magenta (48%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3120, 27.4542, 61.1164 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 172.3120, 27.4542, 61.1164 by changing the saturation by 10% instead.


 172.3120, 27.4542,
61.1164


 172.3120, 27.4542,
61.1164


255.0000, 0.0000,
0.0000


 144.6000, 27.3122,
59.9868


 212.1490, 21.1255,
37.5803


 116.3010, 27.4596,
59.3720


 229.1720, 12.7332,
22.6512

 87.5290, 28.3332,
59.1721

 246.1950, 4.3409,
7.7220

 51.5390, 33.2583,
66.1793

 40.6160, 26.3183,
52.0798

 29.8070, 19.8151,
37.8803

 20.4220, 13.5960,

25.9399

■ 6.5520, 9.5879,
4.7779

■ 0.0000, 0.0000,
0.0000

■ 172.3120, 27.4542,
61.1164

■ 172.3120, 27.4542,
61.1164

■ 157.8820, 33.0892,
73.7715

■ 186.7420, 21.8192,
48.4613

■ 143.4520, 38.7242,
86.4266

■ 201.1720, 16.1842,
35.8062

■ 128.4350, 44.6485,
99.5965

■ 216.1890, 10.2598,
22.6362

■ 114.0050, 50.2835,
112.2516

■ 230.6190, 4.6248,
9.9811

99.5750, 55.9185,
124.9067

245.0490, -1.0102,
-2.6740

96.6400, 57.3655,
127.4807

250.0870, -2.0149,
-7.0923

250.3150, -1.1413,
-7.2923

250.6570, 0.1691,
-7.5922

250.9990, 1.4795,
-7.8921

Harmonies

Analogous

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



169.4230, 42.1895, 1.3830



172.3120, 27.4542, 61.1164



160.6680, 4.1077, 82.7292

Triad

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



172.3120, 27.4542, 61.1164



160.4060, -62.8112, 32.9699



141.0440, 42.8693, -123.6956

Complementary

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



172.3120, 27.4542, 61.1164



195.6880, -27.4542, -61.1164

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.



134.7910, 16.3720, -118.2117



172.3120, 27.4542, 61.1164



155.0670, -48.8400, -14.9678

Square

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



172.3120, 27.4542, 61.1164



164.2640, -50.4162, 70.8055



136.5520, -14.5691, -87.3071



140.6000, 56.3992, -123.3062

Rectangle

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



172.3120, 27.4542, 61.1164



158.5700, -14.0850, 84.5691



136.5520, -14.5691, -87.3071



139.4650, 34.2808, -122.3108

Sweetspot

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



172.3120, 27.4542, 61.1164



233.4120, 8.6709, 18.9327



143.4100, 48.6049, -2.9906



114.7440, 5.0562, 11.6255



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.



172.3120, 27.4542, 61.1164



166.0720, 34.9675, 77.9899



165.7000, 2.1199, 66.9151



112.7280, 2.5991, 6.3775



73.3700, 43.2016, 97.0225



22.3300, 13.1483, 29.5286

Inverse Universe

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



172.3120, 27.4542, 61.1164



166.0720, 34.9675, 77.9899



202.3000, -2.1199, -66.9151



112.7280, 2.5991, 6.3775



73.3700, 43.2016, 97.0225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 172.3120, 27.4542, 61.1164 looks on a white background.

Color Contrast Check

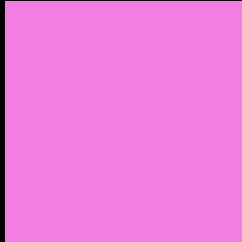
Large Text (above 18pt) WCAG AA × Fail

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 172.3120, 27.4542, 61.1164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

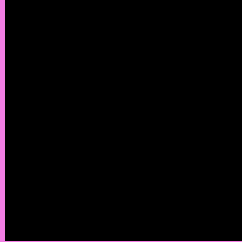
Any Text WCAG AA ✓ Pass

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 172.3120, 27.4542, 61.1164 Background



This preview shows how black text looks on a background with the YUV color 172.3120, 27.4542, 61.1164.



This preview shows how white text looks on a background with the YUV color 172.3120, 27.4542,

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

172.3120, 27.4542, 61.1164

Protanopia

167.7740, 43.0024, -26.1118

Deuteranopia

169.5790, 25.3506, -11.0318



Tritanopia

171.1640, -8.4619, 54.2302

Trichromacy



Original Color

172.3120, 27.4542, 61.1164



Protanomaly

169.1910, 37.3738, 5.9715



Deuteranomaly

170.3850, 26.4322, 15.4484



Tritanomaly

171.6170, 4.6258, 56.4639

Monochromacy



Original Color

172.3120, 27.4542, 61.1164



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.7760, 9.9704, 22.1214

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3120, 27.4542, 61.1164 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(242, 126, 228)` looks like.

```
.text, #text, p{  
    color:rgb(242, 126, 228)  
}
```

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(242, 126, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 126, 228) }
```

Border

The CSS property to change the border of an element to YUV 172.3120, 27.4542, 61.1164 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(242, 126, 228) }
```


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

```
.border{ border-color:rgb(242, 126, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 126, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 126, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 126, 228);  
box-shadow:4px 4px 4px 4px rgb(242, 126,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 172.3120, 27.4542, 61.1164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 126, 228) }
```

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

```
.background{ background-color: rgb(242,  
126, 228) }
```

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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