

Converting Colors

YUV(173.1040, 32.9797,
62.1758)

Have a look what the booklet for
YUV(173.1040, 32.9797, 62.1758)
contains.

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Color

**YUV(173.1040, 32.9797,
62.1758)**

Conversions

Conversions Part 1

Format	Color
Hex	F47CF0
RGB	244, 124, 240
RGB Percent	96%, 49%, 94%
CMY	0.0431, 0.5137, 0.0588
CMYK	0.00, 0.49, 0.02, 0.04
HSL	302°, 85%, 72%
HSV	302°, 49%, 96%
XYZ	60.2441, 39.9397, 86.9720
YIQ	173.1040, 34.2840, 61.5160

Conversions

Conversions Part 2

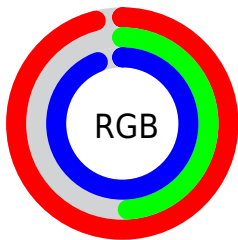
Format	Color
RYB	244, 124, 240
Decimal	16022768
CIELab	69.43, 61.28, -38.28
CIELCh	69, 72.255, 328.008
Yxy	39.9397, 0.3219, 0.2134
Android (android.graphics.Color)	4294212848 (0xFFFF47CF0)
YUV	173.1040, 32.9797, 62.1758
Hunter-Lab	63.1978, 59.5609, -37.3556

Details

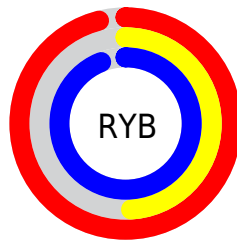
The YUV color **173.1040, 32.9797, 62.1758** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **194.8960, -32.9797, -62.1758**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9750, 21.7043, 38.6099**, and **116.2070, 33.4219, 60.3315** is the 20% darker color. If you saturate the color by 10%, you get **158.9020, 39.4883, 74.6309**, and if you desaturate by 10%, it is **187.3060, 26.4711, 49.7206**.

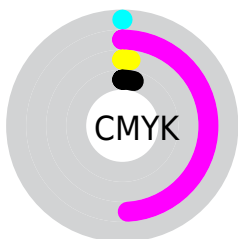
Distribution



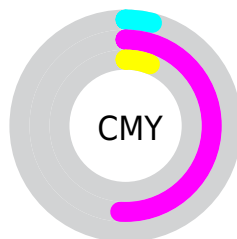
- Red (96%)
- Green (49%)
- Blue (94%)



- Red (96%)
- Yellow (49%)
- Blue (94%)



- Cyan (0%)
- Magenta (49%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (51%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.1040, 32.9797, 62.1758 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 173.1040, 32.9797, 62.1758 by changing the saturation by 10% instead.


 173.1040, 32.9797,
62.1758


 173.1040, 32.9797,
62.1758


255.0000, 0.0000,
0.0000


 144.3920, 32.8377,
61.0462


 210.9750, 21.7043,
38.6099


 116.2070, 33.4219,
60.3315


 227.9980, 13.3120,
23.6808

 86.4460, 34.2901,
61.8759

 245.0210, 4.9196,
8.7516

 53.3910, 37.7682,
66.3091

 42.0550, 30.5389,
51.6948

 31.2460, 24.0357,
37.4953

 21.6330, 16.9429,

25.7549

■ 8.6600, 12.4926,
6.4372

■ 0.7980, 3.0576,
-0.6998

■ 173.1040, 32.9797,
62.1758

■ 173.1040, 32.9797,
62.1758

■ 158.9020, 39.4883,
74.6309

■ 187.3060, 26.4711,
49.7206

■ 144.1130, 46.2863,
87.6009

■ 202.0950, 19.6732,
36.7507

■ 130.0250, 53.2317,
99.9561

■ 216.1830, 12.7278,
24.3955

■ 115.2360, 60.0297,
112.9260

■ 230.9720, 5.9298,
11.4256

101.0340, 66.5382,
125.3812

245.1740, -0.5788,
-1.0296

99.8600, 67.1170,
126.4108

250.5710, -2.7465,
-5.7628

250.6850, -2.3097,
-5.8627

250.7990, -1.8729,
-5.9627

Harmonies

Analogous

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



167.3080, 43.2322, -6.4091



173.1040, 32.9797, 62.1758



157.4710, 9.6278, 85.5329

Triad

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



173.1040, 32.9797, 62.1758



158.4920, -76.6576, 40.7875



143.5060, 42.1485, -125.8548

Complementary

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



173.1040, 32.9797, 62.1758



194.8960, -32.9797, -62.1758

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.



135.9820, 13.3199, -119.2562



173.1040, 32.9797, 62.1758



154.3850, -57.8708, -11.7386

Square

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



173.1040, 32.9797, 62.1758



164.1080, -53.7902, 79.7123



133.4820, -18.4786, -93.3847



142.3610, 55.5310, -124.8506

Rectangle

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



173.1040, 32.9797, 62.1758



154.2160, -10.4595, 88.3876



133.4820, -18.4786, -93.3847



141.1120, 32.9758, -123.7552

Sweetspot

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



173.1040, 32.9797, 62.1758



232.5800, 10.5601, 19.6623



138.8760, 51.8261, -9.5383



114.3850, 6.2192, 11.9404



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.



173.1040, 32.9797, 62.1758



166.3800, 41.2247, 77.7197



166.2640, 6.7718, 68.1745



114.9560, 3.4727, 6.1776



76.1340, 51.2059, 96.3525



24.1390, 16.2005, 30.5731

Inverse Universe

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



173.1040, 32.9797, 62.1758



166.3800, 41.2247, 77.7197



201.7360, -6.7718, -68.1745



114.9560, 3.4727, 6.1776



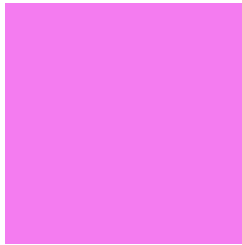
76.1340, 51.2059, 96.3525



24.1390, 16.2005, 30.5731

Previews

White Background



This preview shows how the YUV color 173.1040, 32.9797, 62.1758 looks on a white background.

Color Contrast Check

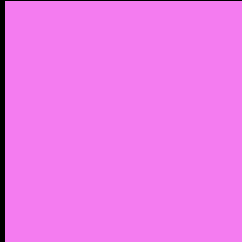
Large Text (above 18pt) WCAG AA × Fail

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 173.1040, 32.9797, 62.1758 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 173.1040, 32.9797, 62.1758

Background



This preview shows how black text looks on a background with the YUV color 173.1040, 32.9797, 62.1758.



This preview shows how white text looks on a background with the YUV color 173.1040, 32.9797,

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

173.1040, 32.9797, 62.1758

Protanopia

168.6600, 42.5656, -26.0118

Deuteranopia

170.2130, 30.4610, -16.8498



Tritanopia

172.1640, -8.4619, 54.2302

Trichromacy



Original Color

173.1040, 32.9797, 62.1758



Protanomaly

170.0600, 39.4104, 6.0864



Deuteranomaly

171.3290, 31.3898, 11.9895



Tritanomaly

172.7850, 6.5150, 57.1936

Monochromacy



Original Color

173.1040, 32.9797, 62.1758



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.9440, 11.8596, 22.8511

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1040, 32.9797, 62.1758 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(244, 124, 240)` looks like.

```
.text, #text, p{  
    color:rgb(244, 124, 240)  
}
```

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(244, 124, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 124, 240) }
```

Border

The CSS property to change the border of an element to YUV 173.1040, 32.9797, 62.1758 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(244, 124, 240) }
```


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

```
.border{ border-color:rgb(244, 124, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 124, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 124, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 124, 240);  
box-shadow:4px 4px 4px 4px rgb(244, 124,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 173.1040, 32.9797, 62.1758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 124, 240) }
```

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

```
.background{ background-color: rgb(244,  
124, 240) }
```

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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