

Converting Colors

YUV(190.3120, 24.0032,
47.9614)

Have a look what the booklet for
YUV(190.3120, 24.0032, 47.9614)
contains.

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Color

**YUV(190.3120, 24.0032,
47.9614)**

Conversions

Conversions Part 1

Format	Color
Hex	F599EF
RGB	245, 153, 239
RGB Percent	96%, 60%, 94%
CMY	0.0392, 0.4000, 0.0627
CMYK	0.00, 0.38, 0.02, 0.04
HSL	304°, 82%, 78%
HSV	304°, 38%, 96%
XYZ	64.6274, 48.4269, 87.6025
YIQ	190.3120, 27.2260, 46.2500

Conversions

Conversions Part 2

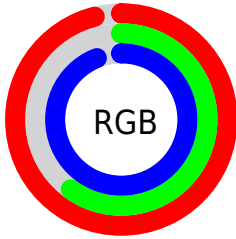
Format	Color
R _Y B	245, 153, 239
Decimal	16095727
CIE Lab	75.09, 47.03, -28.96
CIE LCh	75, 55.229, 328.377
Yxy	48.4269, 0.3221, 0.2413
Android (android.graphics.Color)	4294285807 (0xFFFF599EF)
YUV	190.3120, 24.0032, 47.9614
Hunter-Lab	69.5895, 43.9905, -25.9244

Details

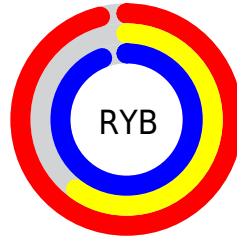
The YUV color **190.3120, 24.0032, 47.9614** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **207.6880, -24.0032, -47.9614**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9980, 13.3120, 23.6808**, and **135.4750, 23.4298, 45.1874** is the 20% darker color. If you saturate the color by 10%, you get **175.9960, 30.0750, 60.5165**, and if you desaturate by 10%, it is **205.2150, 17.6420, 34.8914**.

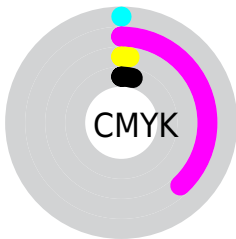
Distribution



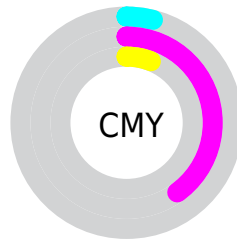
- Red (96%)
- Green (60%)
- Blue (94%)



- Red (96%)
- Yellow (60%)
- Blue (94%)



- Cyan (0%)
- Magenta (38%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (40%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.3120, 24.0032, 47.9614 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 190.3120, 24.0032, 47.9614 by changing the saturation by 10% instead.

 190.3120, 24.0032,
47.9614


 190.3120, 24.0032,
47.9614


255.0000, 0.0000,
0.0000


 162.6000, 23.8612,
46.8318


 227.9980, 13.3120,
23.6808


 135.4750, 23.4298,
45.1874

 245.0210, 4.9196,
8.7516

 108.1760, 23.5772,
44.5726

 81.7630, 23.2878,
44.0578

 53.8170, 24.7402,
44.8875

 32.7410, 23.2987,
40.5691

 22.5300, 16.5007,

27.5992

■ 12.8460, 10.4289,
15.0441

■ 0.9120, 3.4944,
-0.7998

■ 190.3120, 24.0032,
47.9614

■ 190.3120, 24.0032,
47.9614

■ 175.9960, 30.0750,
60.5165

■ 205.2150, 17.6420,
34.8914

■ 161.2070, 36.8729,
73.4865

■ 219.4170, 11.1334,
22.4363

■ 146.8910, 42.9447,
86.0416

■ 234.3200, 4.7722,
9.3664

■ 132.1020, 49.7427,
99.0115

■ 248.5220, -1.7363,
-3.0888

117.1990, 56.1039,
112.0815

251.0980, -2.0203,
-5.3479

102.8830, 62.1757,
124.6366

251.3260, -1.1467,
-5.5479

99.3610, 63.9120,
127.7254

251.4400, -0.7099,
-5.6479

251.6680, 0.1637,
-5.8478

251.7820, 0.6005,
-5.9478

Harmonies

Analogous

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



185.6370, 34.1960, -1.4356



190.3120, 24.0032, 47.9614



181.2590, 4.3093, 64.6709

Triad

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



190.3120, 24.0032, 47.9614



180.1360, -49.8600, 32.3297



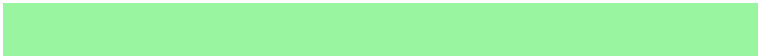
149.7180, 40.5650, -131.3027

Complementary

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



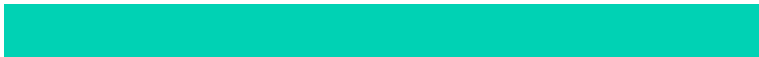
190.3120, 24.0032, 47.9614



207.6880, -24.0032, -47.9614

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.



143.7900, 17.8515, -126.1038



190.3120, 24.0032, 47.9614



175.0600, -41.4416, -7.9456

Square

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



190.3120, 24.0032, 47.9614



183.2120, -41.5165, 62.9581



165.8270, -18.1557, -56.8533



148.8180, 52.3477, -130.5134

Rectangle

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



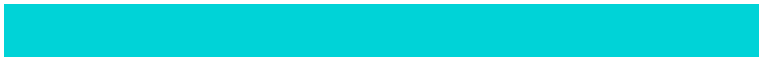
190.3120, 24.0032, 47.9614



177.9700, -10.8312, 67.5553



165.8270, -18.1557, -56.8533



148.3670, 32.8501, -130.1179

Sweetspot

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



190.3120, 24.0032, 47.9614



238.3360, 7.2294, 14.6143



164.9830, 39.4484, -6.1241



117.7930, 4.0461, 8.9515



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.



190.3120, 24.0032, 47.9614



186.6970, 30.2224, 59.9017



185.1820, 4.3473, 52.4604



114.9560, 3.4727, 6.1776



75.4500, 48.5851, 96.9523



23.9110, 15.3269, 30.7731

Inverse Universe

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



190.3120, 24.0032, 47.9614



186.6970, 30.2224, 59.9017



212.8180, -4.3473, -52.4604



114.9560, 3.4727, 6.1776



75.4500, 48.5851, 96.9523



23.9110, 15.3269, 30.7731

Previews

White Background



This preview shows how the YUV color 190.3120, 24.0032, 47.9614 looks on a white background.

Color Contrast Check

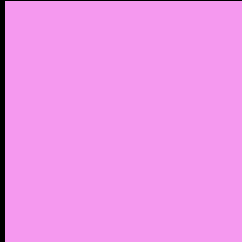
Large Text (above 18pt) WCAG AA × Fail

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 190.3120, 24.0032, 47.9614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

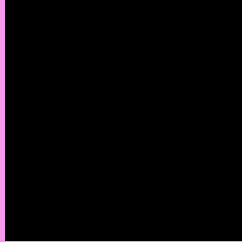
Any Text WCAG AA ✓ Pass

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 190.3120, 24.0032, 47.9614 Background



This preview shows how black text looks on a background with the YUV color 190.3120, 24.0032, 47.9614.



This preview shows how white text looks on a background with the YUV color 190.3120, 24.0032,

47.9614.

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

190.3120, 24.0032, 47.9614

Protanopia

185.2280, 34.3976, -19.4940

Deuteranopia

186.7320, 23.3031, -7.6580



Tritanopia

188.5970, -5.2243, 42.4494

Trichromacy



Original Color

190.3120, 24.0032, 47.9614



Protanomaly

187.0570, 30.5379, 5.2120



Deuteranomaly

187.6790, 23.8223, 12.5595



Tritanomaly

189.0670, 5.3900, 44.6682

Monochromacy



Original Color

190.3120, 24.0032, 47.9614



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.4010, 8.6763, 17.1883

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3120, 24.0032, 47.9614 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, 153, 239)` looks like.

```
.text, #text, p{  
    color:rgb(245, 153, 239)  
}
```

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, 153, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 153, 239) }
```

Border

The CSS property to change the border of an element to YUV 190.3120, 24.0032, 47.9614 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, 153, 239) }
```


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

```
.border{ border-color:rgb(245, 153, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 153, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 153, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 153, 239);  
box-shadow:4px 4px 4px 4px rgb(245, 153,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 190.3120, 24.0032, 47.9614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 153, 239) }
```

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

```
.background{ background-color: rgb(245,  
153, 239) }
```

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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