

Converting Colors

YUV(112.6290, 49.9759,
24.0044)

Have a look what the booklet for
YUV(112.6290, 49.9759, 24.0044)
contains.

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Color

**YUV(112.6290, 49.9759,
24.0044)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4FD6
RGB	140, 79, 214
RGB Percent	55%, 31%, 84%
CMY	0.4510, 0.6902, 0.1608
CMYK	0.35, 0.63, 0.00, 0.16
HSL	267°, 62%, 57%
HSV	267°, 63%, 84%
XYZ	25.7488, 16.0225, 65.3539
YIQ	112.6290, -6.9790, 54.9170

Conversions

Conversions Part 2

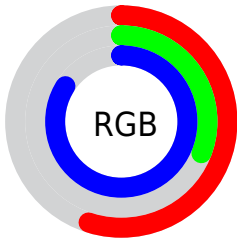
Format	Color
R_{YB}	140, 79, 214
Decimal	9195478
CIE _{Lab}	47.00, 51.96, -60.08
CIE _{LCh}	47, 79.430, 310.854
Yxy	16.0225, 0.2404, 0.1496
Android (android.graphics.Color)	4287385558 (0xFF8C4FD6)
YUV	112.6290, 49.9759, 24.0044
Hunter-Lab	40.0281, 44.7744, -68.7832

Details

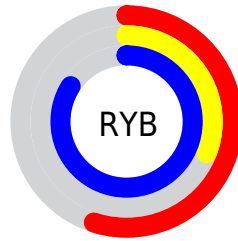
The YUV color **112.6290, 49.9759, 24.0044** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **180.3710, -49.9759, -24.0044**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1690, 44.2867, 28.7928**, and **58.6780, 48.9657, 21.3304** is the 20% darker color. If you saturate the color by 10%, you get **96.7140, 57.8220, 27.4378**, and if you desaturate by 10%, it is **128.5440, 42.1298, 20.5709**.

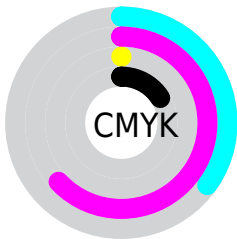
Distribution



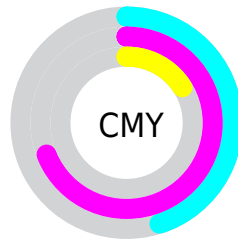
- Red (55%)
- Green (31%)
- Blue (84%)



- Red (55%)
- Yellow (31%)
- Blue (84%)



- Cyan (35%)
- Magenta (63%)
- Yellow (0%)
- Black (16%)



- Cyan (45%)
- Magenta (69%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6290, 49.9759, 24.0044 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 112.6290, 49.9759, 24.0044 by changing the saturation by 10% instead.

■ 112.6290, 49.9759,
24.0044

■ 112.6290, 49.9759,
24.0044

■ 255.0000, 0.0000,
0.0000

■ 85.8030, 49.3971,
22.9748

■ 165.1690, 44.2867,
28.7928

■ 58.6780, 48.9657,
21.3304

■ 189.6890, 32.1983,
32.7217

■ 31.0800, 49.2606,
20.1008

■ 214.4970, 19.9680,
35.5211

■ 17.0530, 43.3579,
-0.0465

■ 230.9330, 11.8650,
21.1068

■ 9.2340, 35.3806,
-8.0982

■ 247.9560, 3.4727,
6.1776

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 112.6290, 49.9759,
24.0044

■ 112.6290, 49.9759,
24.0044

■ 96.7140, 57.8220,
27.4378

■ 128.5440, 42.1298,
20.5709

■ 80.5110, 65.8101,
32.0009

■ 144.7470, 34.1417,
16.0079

■ 64.5960, 73.6562,
35.4343

■ 160.6620, 26.2956,
12.5744

■ 53.3990, 79.1763,
38.2381

■ 177.1640, 18.1601,
8.6262

■ 193.0790, 10.3141,
5.1927

■ 208.6950, 2.6154,
1.1445

■ 225.1970, -5.5201,
-2.8038

■ 241.1120,
-13.3662, -6.2372

■ 247.6350,
-16.5821, -1.4339

Harmonies

Analogous

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



94.2610, 74.3143, -82.6669



112.6290, 49.9759, 24.0044



91.8190, 32.1342, 100.1367

Triad

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



112.6290, 49.9759, 24.0044



104.8340, -51.6832, 57.1506



96.9830, 18.7424, -85.0541

Complementary

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



112.6290, 49.9759, 24.0044



180.3710, -49.9759, -24.0044

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.



87.1280, -11.4021, -76.4113



112.6290, 49.9759, 24.0044



102.1780, -50.3738, 10.3679

Square

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



112.6290, 49.9759, 24.0044



95.1640, -35.0839, 99.8342



82.2900, -40.5690, -54.6283



103.5780, 46.5500, -90.8379

Rectangle

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



112.6290, 49.9759, 24.0044



79.5590, 16.4864, 125.7978



82.2900, -40.5690, -54.6283



93.7740, 8.9854, -82.2398

Sweetspot

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



112.6290, 49.9759, 24.0044



218.7510, 17.8708, 8.1114



137.8280, 37.5528, -51.5922



105.3070, 11.1876, 4.9928



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.



112.6290, 49.9759, 24.0044



109.4280, 71.7670, 34.7046



132.6620, 40.0996, 65.1944



98.7490, 4.0677, 1.9741



42.5170, 63.3421, 30.2416



10.8820, 15.8342, 7.9965

Inverse Universe

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



127.8010, 12.4231, 75.5965



131.0900, 17.7036, 108.6691



160.3380, -40.0996, -65.1944



99.9730, 0.9993, 6.1627



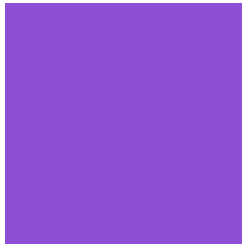
61.8450, 15.8524, 95.7289



15.5930, 4.1447, 24.0359

Previews

White Background



This preview shows how the YUV color 112.6290, 49.9759, 24.0044 looks on a white background.

Color Contrast Check

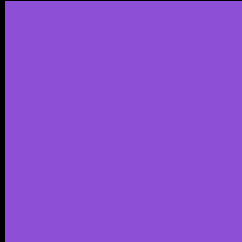
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.6290, 49.9759, 24.0044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

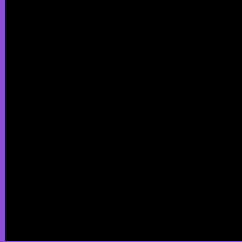
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.6290, 49.9759, 24.0044

Background



This preview shows how black text looks on a background with the YUV color 112.6290, 49.9759, 24.0044.



This preview shows how white text looks on a background with the YUV color 112.6290, 49.9759,

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

112.6290, 49.9759, 24.0044

Protanopia

88.8010, 68.6251, -77.8785

Deuteranopia

89.7180, 54.3690, -78.6827



Tritanopia

112.5000, 1.7255, 6.5775

Trichromacy



Original Color

112.6290, 49.9759, 24.0044



Protanomaly

97.6100, 61.8173, -40.8770



Deuteranomaly

97.9060, 52.7973, -41.1366



Tritanomaly

112.2400, 19.6017, 12.9445

Monochromacy



Original Color

112.6290, 49.9759, 24.0044



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

113.1640, 18.1601, 8.6262

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6290, 49.9759, 24.0044 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(140, 79, 214)` looks like.

```
.text, #text, p{  
    color:rgb(140, 79, 214)  
}
```

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(140, 79, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 79, 214) }
```

Border

The CSS property to change the border of an element to YUV 112.6290, 49.9759, 24.0044 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(140, 79, 214) }
```


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

```
.border{ border-color:rgb(140, 79, 214) }
```

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

Here you see how a box with a 4 pixel rgb(140, 79, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 79, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 79, 214);  
box-shadow:4px 4px 4px 4px rgb(140, 79,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 112.6290, 49.9759, 24.0044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 79, 214) }
```

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

```
.background{ background-color: rgb(140, 79,  
214) }
```

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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