

Converting Colors

YUV(104.6480, 27.7815,
49.4207)

Have a look what the booklet for
YUV(104.6480, 27.7815, 49.4207)
contains.

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Color

**YUV(104.6480, 27.7815,
49.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	A141A1
RGB	161, 65, 161
RGB Percent	63%, 25%, 63%
CMY	0.3686, 0.7451, 0.3686
CMYK	0.00, 0.60, 0.00, 0.37
HSL	300°, 42%, 44%
HSV	300°, 60%, 63%
XYZ	23.0213, 13.9309, 35.1938
YIQ	104.6480, 26.4000, 50.2080

Conversions

Conversions Part 2

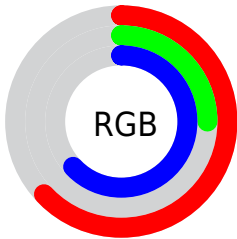
Format	Color
R_{YB}	161, 65, 161
Decimal	10568097
CIE _{Lab}	44.13, 52.48, -33.58
CIE _{LCh}	44, 62.300, 327.387
Yxy	13.9309, 0.3191, 0.1931
Android (android.graphics.Color)	4288758177 (0xFFA141A1)
YUV	104.6480, 27.7815, 49.4207
Hunter-Lab	37.3241, 44.7806, -29.7791

Details

The YUV color **104.6480, 27.7815, 49.4207** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **121.3520, -27.7815, -49.4207**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6590, 27.7761, 51.1651**, and **44.1200, 31.9858, 54.2688** is the 20% darker color. If you saturate the color by 10%, you get **95.2560, 32.4118, 57.6575**, and if you desaturate by 10%, it is **114.0400, 23.1513, 41.1839**.

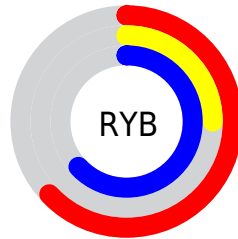
Distribution



Red (63%)

Green (25%)

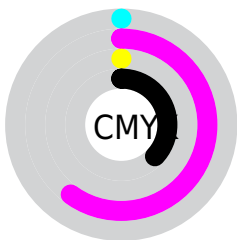
Blue (63%)



Red (63%)

Yellow (25%)

Blue (63%)

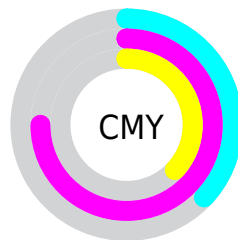


Cyan (0%)

Magenta (60%)

Yellow (0%)

Black (37%)



Cyan (37%)

Magenta (75%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6480, 27.7815, 49.4207 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 104.6480, 27.7815, 49.4207 by changing the saturation by 10% instead.

104.6480, 27.7815,
49.4207

104.6480, 27.7815,
49.4207

255.0000, 0.0000,
0.0000

76.8760, 28.6551,
49.2207

159.6590, 27.7761,
51.1651

44.1200, 31.9858,
54.2688

187.4850, 28.3549,
52.1947

33.4960, 24.8985,
40.7840

206.8660, 23.7301,
42.2135

23.3990, 18.5373,
27.7141

223.8890, 15.3377,
27.2843

13.0030, 12.3235,
14.0294

240.9120, 6.9454,
12.3552

2.2970, 6.2626,
-2.0145

0.0000, 0.0000,

0.0000

■ 104.6480, 27.7815,
49.4207

■ 104.6480, 27.7815,
49.4207

■ 95.2560, 32.4118,
57.6575

■ 114.0400, 23.1513,
41.1839

■ 85.8640, 37.0420,
65.8943

■ 123.4320, 18.5210,
32.9471

■ 76.4720, 41.6723,
74.1311

■ 132.8240, 13.8908,
24.7104

■ 67.0800, 46.3026,
82.3678

■ 142.2160, 9.2605,
16.4736

■ 66.4930, 46.5920,
82.8826

■ 152.1950, 4.3409,
7.7220

■ 161.5870, -0.2894,
-0.5148

■ 170.9790, -4.9196,
-8.7516

■ 180.3710, -9.5499,
-16.9884

■ 189.7630,
-14.1802, -25.2252

Harmonies

Analogous

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



103.6600, 46.0166, -12.8568



104.6480, 27.7815, 49.4207



94.4170, 8.1754, 84.7033

Triad

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



104.6480, 27.7815, 49.4207



98.1570, -48.3914, 27.9263



91.7630, 29.2038, -80.4762

Complementary

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



104.6480, 27.7815, 49.4207



121.3520, -27.7815, -49.4207

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.



85.7210, 6.0535, -75.1773



104.6480, 27.7815, 49.4207



91.4250, -45.0725, -10.0197

Square

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



104.6480, 27.7815, 49.4207



97.4740, -45.5897, 62.7283



77.2170, -16.3760, -67.7193



94.0890, 48.2701, -82.5161

Rectangle

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



104.6480, 27.7815, 49.4207



93.1990, -7.9861, 88.4025



77.2170, -16.3760, -67.7193



89.8250, 21.7783, -78.7765

Sweetspot

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



104.6480, 27.7815, 49.4207



186.6940, 10.9969, 19.5624



75.9440, 41.9326, -9.5979



91.4990, 6.6560, 11.8404



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



104.6480, 27.7815, 49.4207



120.9500, 43.4087, 77.2199



99.1760, 6.8152, 54.2196



76.7170, 2.6045, 4.6332



59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Inverse Universe

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



104.6480, 27.7815, 49.4207



120.9500, 43.4087, 77.2199



126.8240, -6.8152, -54.2196



76.7170, 2.6045, 4.6332



59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 104.6480, 27.7815, 49.4207 looks on a white background.

Color Contrast Check

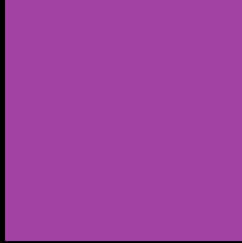
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.6480, 27.7815, 49.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

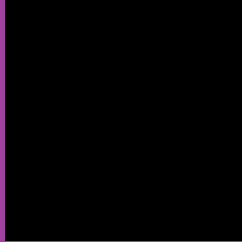
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.6480, 27.7815, 49.4207

Background



This preview shows how black text looks on a background with the YUV color 104.6480, 27.7815, 49.4207.



This preview shows how white text looks on a background with the YUV color 104.6480, 27.7815,

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

104.6480, 27.7815, 49.4207

Protanopia

99.1470, 47.2555, -36.9629

Deuteranopia

103.7200, 24.7880, -17.2944



Tritanopia

106.0160, -7.4029, 41.2050

Trichromacy



Original Color

104.6480, 27.7815, 49.4207

Protanomaly

101.5100, 40.1746, -5.7093

Deuteranomaly

104.2160, 26.0225, 6.8266

Tritanomaly

105.6540, 5.1006, 44.1534

Monochromacy



Original Color

104.6480, 27.7815, 49.4207

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.4550, 10.1287, 18.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6480, 27.7815, 49.4207 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(161, 65, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 65, 161)  
}
```

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(161, 65, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 65, 161) }
```

Border

The CSS property to change the border of an element to YUV 104.6480, 27.7815, 49.4207 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(161, 65, 161) }
```


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

```
.border{ border-color:rgb(161, 65, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 65, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 65, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 65, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 65,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 104.6480, 27.7815, 49.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 65, 161) }
```

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

```
.background{ background-color: rgb(161, 65,  
161) }
```

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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