

Converting Colors

YUV(104.0220, 30.5552,
46.4617)

Have a look what the booklet for
YUV(104.0220, 30.5552, 46.4617)
contains.

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Color

**YUV(104.0220, 30.5552,
46.4617)**

Conversions

Conversions Part 1

Format	Color
Hex	9D41A6
RGB	157, 65, 166
RGB Percent	62%, 25%, 65%
CMY	0.3843, 0.7451, 0.3490
CMYK	0.05, 0.61, 0.00, 0.35
HSL	295°, 44%, 45%
HSV	295°, 61%, 65%
XYZ	22.6779, 13.7019, 37.5259
YIQ	104.0220, 22.4110, 50.9150

Conversions

Conversions Part 2

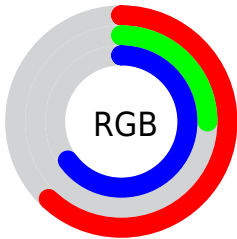
Format	Color
R_{YB}	157, 65, 166
Decimal	10305958
CIE _{Lab}	43.80, 52.35, -37.12
CIE _{LCh}	44, 64.171, 324.662
Yxy	13.7019, 0.3068, 0.1854
Android (android.graphics.Color)	4288496038 (0xFF9D41A6)
YUV	104.0220, 30.5552, 46.4617
Hunter-Lab	37.0160, 44.5799, -34.1954

Details

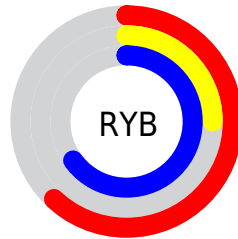
The YUV color **104.0220, 30.5552, 46.4617** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **126.9780, -30.5552, -46.4617**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5600, 31.2759, 48.6209**, and **43.6790, 34.1753, 52.0245** is the 20% darker color. If you saturate the color by 10%, you get **93.7440, 35.6222, 54.5985**, and if you desaturate by 10%, it is **114.3000, 25.4881, 38.3249**.

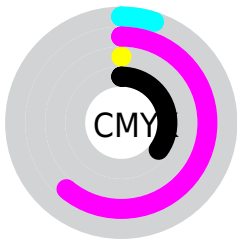
Distribution



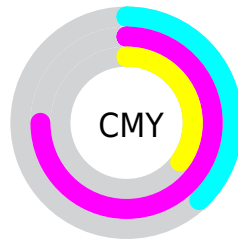
- Red (62%)
- Green (25%)
- Blue (65%)



- Red (62%)
- Yellow (25%)
- Blue (65%)



- Cyan (5%)
- Magenta (61%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (75%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.0220, 30.5552, 46.4617 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 104.0220, 30.5552, 46.4617 by changing the saturation by 10% instead.

104.0220, 30.5552,
46.4617

104.0220, 30.5552,
46.4617

255.0000, 0.0000,
0.0000

76.1360, 30.9920,
46.3617

158.5600, 31.2759,
48.6209

43.6790, 34.1753,
52.0245

186.2720, 31.4179,
49.7505

32.8700, 27.6721,
37.8250

206.8660, 23.7301,
42.2135

22.6590, 20.8741,
24.8551

223.3020, 15.6271,
27.7991

12.2630, 14.6603,
11.1703

240.3250, 7.2348,
12.8700

2.8670, 8.4466,
-2.5144

0.0000, 0.0000,

0.0000

■ 104.0220, 30.5552,
46.4617

■ 104.0220, 30.5552,
46.4617

■ 93.7440, 35.6222,
54.5985

■ 114.3000, 25.4881,
38.3249

■ 83.7540, 40.5473,
61.6057

■ 124.2900, 20.5630,
31.3177

■ 73.4760, 45.6143,
69.7425

■ 134.5680, 15.4960,
23.1809

■ 64.0730, 50.2500,
76.2350

■ 144.5580, 10.5709,
16.1736

■ 154.8360, 5.5039,
8.0368

■ 165.4130, 0.2894,
0.5148

■ 175.1040, -4.4883,
-7.1072

■ 185.6810, -9.7027,
-14.6292

■ 195.3720,
-14.4804, -22.2512

Harmonies

Analogous

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



100.8160, 49.3907, -21.7636



104.0220, 30.5552, 46.4617



92.5250, 11.0802, 86.3626

Triad

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



104.0220, 30.5552, 46.4617



97.5920, -48.1129, 31.9298



91.3070, 27.4566, -80.0762

Complementary

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



104.0220, 30.5552, 46.4617



126.9780, -30.5552, -46.4617

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.



84.4500, 3.7222, -74.0626



104.0220, 30.5552, 46.4617



91.7350, -45.2254, -7.6606

Square

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



104.0220, 30.5552, 46.4617



95.5500, -44.1481, 67.0467



75.6040, -20.0178, -66.3047



93.8610, 47.3965, -82.3161

Rectangle

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



104.0220, 30.5552, 46.4617



90.0300, -4.9448, 92.9357



75.6040, -20.0178, -66.3047



89.2550, 19.5943, -78.2766

Sweetspot

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



104.0220, 30.5552, 46.4617



192.9110, 11.8759, 17.6181



82.3840, 41.2227, -15.2458



95.3140, 7.2402, 11.1256



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



104.0220, 30.5552, 46.4617



120.0680, 47.7875, 72.7314



102.1530, 11.7566, 55.9938



79.0050, 2.4625, 3.5036



57.2370, 44.7462, 68.1982



7.9610, 5.9352, 9.6812

Inverse Universe

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



96.2250, -10.9569, 61.1927



107.8380, -17.1751, 95.7351



128.8470, -11.7566, -55.9938



78.3920, -1.1793, 4.9182



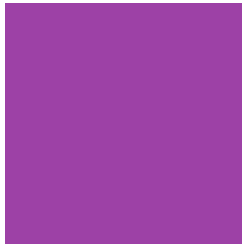
45.7340, -16.1379, 89.6873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 104.0220, 30.5552, 46.4617 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 104.0220, 30.5552, 46.4617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

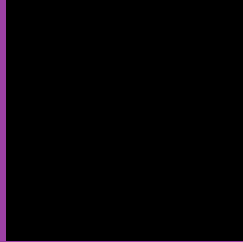
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.0220, 30.5552, 46.4617

Background



This preview shows how black text looks on a background with the YUV color 104.0220, 30.5552, 46.4617.



This preview shows how white text looks on a background with the YUV color 104.0220, 30.5552,

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

104.0220, 30.5552, 46.4617

Protanopia

96.4390, 51.0556, -42.4810

Deuteranopia

102.1970, 28.0039, -22.0978



Tritanopia

105.2220, -6.5184, 37.5163

Trichromacy



Original Color

104.0220, 30.5552, 46.4617



Protanomaly

99.4000, 43.6798, -9.9978



Deuteranomaly

102.9920, 29.0909, 2.6380



Tritanomaly

104.5010, 7.1480, 40.7796

Monochromacy



Original Color

104.0220, 30.5552, 46.4617



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

104.0850, 11.2971, 16.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.0220, 30.5552, 46.4617 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(157, 65, 166)` looks like.

```
.text, #text, p{  
    color:rgb(157, 65, 166)  
}
```

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(157, 65, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 65, 166) }
```

Border

The CSS property to change the border of an element to YUV 104.0220, 30.5552, 46.4617 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(157, 65, 166) }
```


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

```
.border{ border-color:rgb(157, 65, 166) }
```

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

Here you see how a box with a 4 pixel rgb(157, 65, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 65, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 65, 166);  
box-shadow:4px 4px 4px 4px rgb(157, 65,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 104.0220, 30.5552, 46.4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 65, 166) }
```

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

```
.background{ background-color: rgb(157, 65,  
166) }
```

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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