

Converting Colors

YUV(104.9780, 10.3638,
35.9763)

Have a look what the booklet for
YUV(104.9780, 10.3638, 35.9763)
contains.

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Color

**YUV(104.9780, 10.3638,
35.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	92507E
RGB	146, 80, 126
RGB Percent	57%, 31%, 49%
CMY	0.4275, 0.6863, 0.5059
CMYK	0.00, 0.45, 0.14, 0.43
HSL	318°, 29%, 44%
HSV	318°, 45%, 57%
XYZ	18.4886, 13.3547, 21.3419
YIQ	104.9780, 24.5700, 28.2980

Conversions

Conversions Part 2

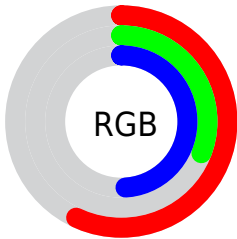
Format	Color
R_{YB}	146, 80, 126
Decimal	9588862
CIE _{Lab}	43.29, 34.13, -13.95
CIE _{LCh}	43, 36.874, 337.774
Yxy	13.3547, 0.3476, 0.2511
Android (android.graphics.Color)	4287778942 (0xFF92507E)
YUV	104.9780, 10.3638, 35.9763
Hunter-Lab	36.5440, 26.3559, -9.0448

Details

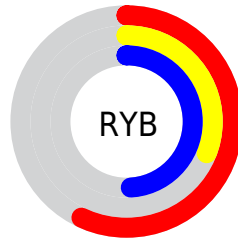
The YUV color **104.9780, 10.3638, 35.9763** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **121.0220, -10.3638, -35.9763**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.4020, 10.6478, 38.2354**, and **55.0810, 10.8061, 34.1320** is the 20% darker color. If you saturate the color by 10%, you get **95.7170, 12.9575, 44.0982**, and if you desaturate by 10%, it is **114.2390, 7.7702, 27.8544**.

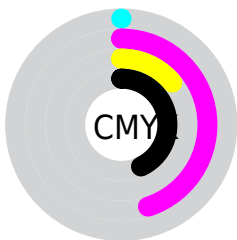
Distribution



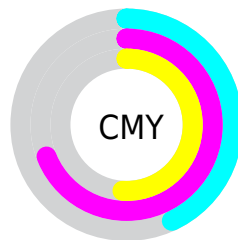
- Red (57%)
- Green (31%)
- Blue (49%)



- Red (57%)
- Yellow (31%)
- Blue (49%)



- Cyan (0%)
- Magenta (45%)
- Yellow (14%)
- Black (43%)



- Cyan (43%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9780, 10.3638, 35.9763 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 104.9780, 10.3638, 35.9763 by changing the saturation by 10% instead.

104.9780, 10.3638,
35.9763

104.9780, 10.3638,
35.9763

255.0000, 0.0000,
0.0000

79.9670, 10.3693,
34.2319

157.4020, 10.6478,
38.2354

55.0810, 10.8061,
34.1320

185.0000, 10.3530,
39.4650

29.1350, 12.2584,
34.9616

211.6300, 11.5214,
38.0355

17.5160, 7.6336,
24.9805

230.3460, 12.1544,
21.6216

3.9730, 0.9993,
6.1627

247.3690, 3.7621,
6.6924

0.0000, 0.0000,
0.0000

104.9780, 10.3638,
35.9763

104.9780, 10.3638,
35.9763

95.7170, 12.9575,
44.0982

114.2390, 7.7702,
27.8544

86.9290, 14.8250,
51.8053

123.0270, 5.9027,
20.1473

77.6680, 17.4187,
59.9272

132.2880, 3.3090,
12.0254

68.8800, 19.2862,
67.6342

141.0760, 1.4415,
4.3183

59.6190, 21.8798,
75.7561

150.3370, -1.1521,
-3.8035


55.2820, 23.0320,
79.5597

159.7120, -3.3090,
-12.0254

168.3860, -5.6133,
-19.6325

177.6470, -8.2070,

-27.7544

 186.4350,
-10.0745, -35.4615

Harmonies

Analogous

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



105.0160, 22.6701, 8.7560



104.9780, 10.3638, 35.9763



102.9830, -3.9356, 49.1269

Triad

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



104.9780, 10.3638, 35.9763



98.3950, -29.2817, 11.9316



83.9380, 27.1456, -73.6136

Complementary

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



104.9780, 10.3638, 35.9763



121.0220, -10.3638, -35.9763

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.



81.8060, 13.8996, -71.7439



104.9780, 10.3638, 35.9763



95.0050, -21.2015, -13.1594

Square

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



104.9780, 10.3638, 35.9763



100.3960, -27.3102, 32.9787



86.8510, -4.3635, -47.2273



83.7560, 36.6023, -73.4540

Rectangle

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



104.9780, 10.3638, 35.9763



102.2790, -12.9555, 48.8673



86.8510, -4.3635, -47.2273



83.4990, 22.9250, -73.2286

Sweetspot

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



104.9780, 10.3638, 35.9763



172.2390, 4.3192, 14.6994



93.5040, 25.8805, 5.6970



84.0380, 2.4463, 8.7367



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



104.9780, 10.3638, 35.9763



125.5920, 15.9771, 55.6088



101.2160, -4.0505, 39.2756



69.6630, 1.1521, 3.8035



52.2060, 21.5904, 75.2413



3.7880, 1.5835, 5.4479

Inverse Universe

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



104.9780, 10.3638, 35.9763



125.5920, 15.9771, 55.6088



124.7840, 4.0505, -39.2756



69.6630, 1.1521, 3.8035



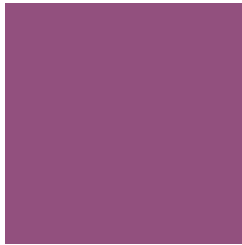
52.2060, 21.5904, 75.2413



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 104.9780, 10.3638, 35.9763 looks on a white background.

Color Contrast Check

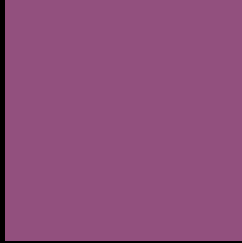
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.9780, 10.3638, 35.9763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

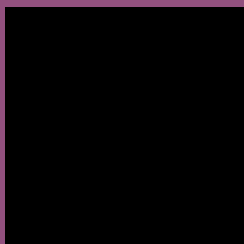
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.9780, 10.3638, 35.9763

Background



This preview shows how black text looks on a background with the YUV color 104.9780, 10.3638, 35.9763.



This preview shows how white text looks on a background with the YUV color 104.9780, 10.3638,

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

104.9780, 10.3638, 35.9763

Protanopia

102.6840, 19.3828, -10.2469

Deuteranopia

103.4050, 9.1673, -0.3552



Tritanopia

104.1290, -5.4866, 33.2129

Trichromacy



Original Color

104.9780, 10.3638, 35.9763

Protanomaly

103.2840, 16.1290, 6.7669

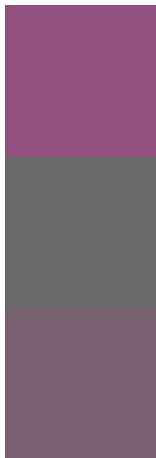
Deuteranomaly

104.1940, 9.2714, 12.9849

Tritanomaly

104.0350, 0.4757, 34.1723

Monochromacy



Original Color

104.9780, 10.3638, 35.9763

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1140, 3.8878, 13.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9780, 10.3638, 35.9763 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(146, 80, 126)` looks like.

```
.text, #text, p{  
    color:rgb(146, 80, 126)  
}
```

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(146, 80, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 80, 126) }
```

Border

The CSS property to change the border of an element to YUV 104.9780, 10.3638, 35.9763 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(146, 80, 126) }
```


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

```
.border{ border-color:rgb(146, 80, 126) }
```

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

Here you see how a box with a 4 pixel rgb(146, 80, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 80, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 80, 126);  
box-shadow:4px 4px 4px 4px rgb(146, 80,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 104.9780, 10.3638, 35.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 80, 126) }
```

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

```
.background{ background-color: rgb(146, 80,  
126) }
```

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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