

Converting Colors

YUV(110.0640, 26.5904,
11.3449)

Have a look what the booklet for
YUV(110.0640, 26.5904, 11.3449)
contains.

YUV(110.0640, 26.5904, 11.3449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(110.0640, 26.5904,
11.3449)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5DA4
RGB	123, 93, 164
RGB Percent	48%, 36%, 64%
CMY	0.5176, 0.6353, 0.3569
CMYK	0.25, 0.43, 0.00, 0.36
HSL	265°, 28%, 50%
HSV	265°, 43%, 64%
XYZ	18.7836, 14.7200, 36.9732
YIQ	110.0640, -4.9110, 28.4410

Conversions

Conversions Part 2

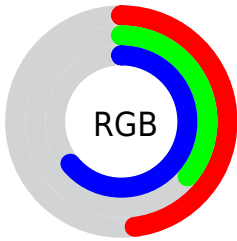
Format	Color
R_{YB}	123, 93, 164
Decimal	8084900
CIE _{Lab}	45.25, 27.24, -33.93
CIE _{LCh}	45, 43.511, 308.756
Yxy	14.7200, 0.2665, 0.2089
Android (android.graphics.Color)	4286274980 (0xFF7B5DA4)
YUV	110.0640, 26.5904, 11.3449
Hunter-Lab	38.3666, 20.2485, -30.2800

Details

The YUV color **110.0640, 26.5904, 11.3449** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.9360, -26.5904, -11.3449**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4170, 27.8954, 12.7893**, and **61.2980, 24.9961, 9.3857** is the 20% darker color. If you saturate the color by 10%, you get **97.9810, 32.5474, 14.0487**, and if you desaturate by 10%, it is **122.1470, 20.6335, 8.6411**.

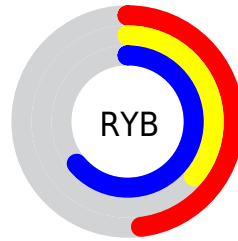
Distribution



Red (48%)

Green (36%)

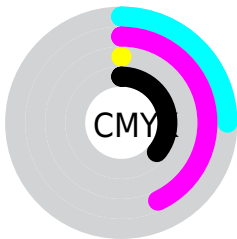
Blue (64%)



Red (48%)

Yellow (36%)

Blue (64%)

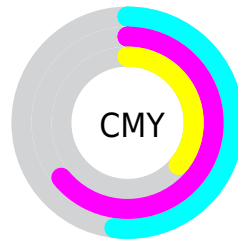


Cyan (25%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.0640, 26.5904, 11.3449 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 110.0640, 26.5904, 11.3449 by changing the saturation by 10% instead.

■ 110.0640, 26.5904,
11.3449

■ 110.0640, 26.5904,
11.3449

255.0000, 0.0000,
0.0000

■ 85.1240, 25.5749,
10.4153

■ 162.4170, 27.8954,
12.7893

■ 61.2980, 24.9961,
9.3857

■ 189.3570, 28.9110,
13.7189

■ 38.0590, 24.1279,
7.8413

■ 214.9630, 19.7382,
15.8184

■ 15.2330, 23.5491,
6.8117

■ 237.9770, 8.3923,
14.9292

■ 4.6740, 17.9087,
-4.0991

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 110.0640, 26.5904,
11.3449

■ 110.0640, 26.5904,
11.3449

■ 97.9810, 32.5474,
14.0487

■ 122.1470, 20.6335,
8.6411

■ 85.0120, 38.9411,
16.6525

■ 135.1160, 14.2398,
6.0373

■ 72.9290, 44.8980,
19.3563

■ 147.1990, 8.2829,
3.3335

■ 59.9600, 51.2917,
21.9601

■ 160.1680, 1.8892,
0.7297

■ 47.8770, 57.2486,
24.6639

■ 172.2510, -4.0677,
-1.9741

■ 39.3270, 61.4638,
26.0232

■ 184.6330,
-10.1721, -4.0631

■ 197.3030,
-16.4184, -7.2817

■ 209.6850,
-22.5227, -9.3707

■ 222.3550,
-28.7690, -12.5893

Harmonies

Analogous

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



100.5460, 38.6778, -39.0668



110.0640, 26.5904, 11.3449



109.1900, 12.2313, 43.6834

Triad

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



110.0640, 26.5904, 11.3449



104.8220, -33.4362, 37.8671



86.7130, 14.9315, -76.0473

Complementary

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



110.0640, 26.5904, 11.3449



146.9360, -26.5904, -11.3449

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.



81.2070, -1.0881, -71.2185



110.0640, 26.5904, 11.3449



102.2720, -36.1231, 12.9165

Square

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



110.0640, 26.5904, 11.3449



105.5480, -20.9762, 54.7704



97.9460, -25.1164, -17.4926



89.5290, 30.7982, -78.5169

Rectangle

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



110.0640, 26.5904, 11.3449



107.1070, 1.4262, 56.0342



97.9460, -25.1164, -17.4926



85.2310, 9.2531, -74.7476

Sweetspot

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



110.0640, 26.5904, 11.3449



192.7800, 10.4615, 4.5779



125.1610, 19.1476, -28.2052



94.0310, 6.3937, 2.6038



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



110.0640, 26.5904, 11.3449



129.7070, 41.5564, 17.7970



120.5290, 21.4312, 32.8621



75.2220, 3.3416, 1.5593



34.7690, 54.3439, 23.0046



4.4440, 6.6831, 3.1186

Inverse Universe

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



118.9030, 7.4428, 39.5501



143.4850, 11.5929, 61.8417



136.4710, -21.4312, -32.8621



76.2610, 0.8573, 5.0331



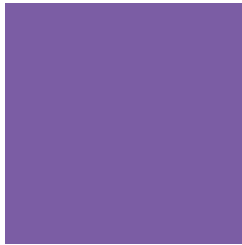
52.9310, 15.3170, 80.7445



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 110.0640, 26.5904, 11.3449 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 110.0640, 26.5904, 11.3449 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 110.0640, 26.5904, 11.3449

Background



This preview shows how black text looks on a background with the YUV color 110.0640, 26.5904, 11.3449.



This preview shows how white text looks on a background with the YUV color 110.0640, 26.5904,

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

110.0640, 26.5904, 11.3449

Protanopia

105.5050, 34.2610, -22.3679

Deuteranopia

105.6810, 27.2723, -20.7682



Tritanopia

108.0160, 2.4571, 5.2480

Trichromacy



Original Color

110.0640, 26.5904, 11.3449

Protanomaly

107.4850, 31.3129, -10.0723

Deuteranomaly

107.3450, 26.9449, -9.0726

Tritanomaly

108.7310, 11.4716, 7.2519

Monochromacy



Original Color

110.0640, 26.5904, 11.3449

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2530, 9.7353, 4.1631

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.0640, 26.5904, 11.3449 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(123, 93, 164)` looks like.

```
.text, #text, p{  
    color:rgb(123, 93, 164)  
}
```

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(123, 93, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 93, 164) }
```

Border

The CSS property to change the border of an element to YUV 110.0640, 26.5904, 11.3449 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(123, 93, 164) }
```


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

```
.border{ border-color:rgb(123, 93, 164) }
```

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

Here you see how a box with a 4 pixel rgb(123, 93, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 93, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 93, 164);  
box-shadow:4px 4px 4px 4px rgb(123, 93,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 110.0640, 26.5904, 11.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 93, 164) }
```

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

```
.background{ background-color: rgb(123, 93,  
164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor