

Converting Colors

YUV(123.0640, 33.4924,
37.6549)

Have a look what the booklet for
YUV(123.0640, 33.4924, 37.6549)
contains.

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Color

**YUV(123.0640, 33.4924,
37.6549)**

Conversions

Conversions Part 1

Format	Color
Hex	A658BF
RGB	166, 88, 191
RGB Percent	65%, 35%, 75%
CMY	0.3490, 0.6549, 0.2510
CMYK	0.13, 0.54, 0.00, 0.25
HSL	285°, 45%, 55%
HSV	285°, 54%, 75%
XYZ	28.6196, 18.8480, 51.4198
YIQ	123.0640, 13.4250, 48.5690

Conversions

Conversions Part 2

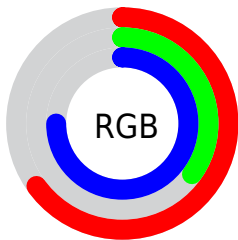
Format	Color
R _Y B	166, 88, 191
Decimal	10901695
CIE Lab	50.51, 48.45, -41.08
CIE LCh	51, 63.521, 319.710
Yxy	18.8480, 0.2894, 0.1906
Android (android.graphics.Color)	4289091775 (0xFFA658BF)
YUV	123.0640, 33.4924, 37.6549
Hunter-Lab	43.4143, 41.6957, -39.8329

Details

The YUV color **123.0640, 33.4924, 37.6549** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **155.9360, -33.4924, -37.6549**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7160, 34.6500, 39.7141**, and **69.9390, 33.0611, 36.0105** is the 20% darker color. If you saturate the color by 10%, you get **110.4160, 39.7279, 44.3622**, and if you desaturate by 10%, it is **135.7120, 27.2570, 30.9476**.

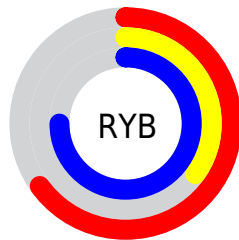
Distribution



Red (65%)

Green (35%)

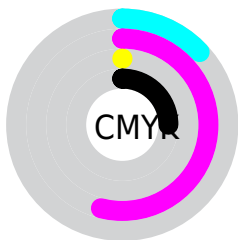
Blue (75%)



Red (65%)

Yellow (35%)

Blue (75%)

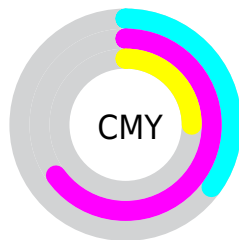


Cyan (13%)

Magenta (54%)

Yellow (0%)

Black (25%)



Cyan (35%)


Magenta (65%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.0640, 33.4924, 37.6549 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 123.0640, 33.4924, 37.6549 by changing the saturation by 10% instead.


 123.0640, 33.4924,
37.6549


 123.0640, 33.4924,
37.6549


255.0000, 0.0000,
0.0000


 96.3520, 33.3505,
36.5253


 177.7160, 34.6500,
39.7141

 69.9390, 33.0611,
36.0105


 203.0340, 25.6192,
42.9432

 39.2430, 35.3762,
40.1289


 220.3670, 17.0741,
30.3731

 27.4450, 28.8676,
27.6737

 237.3900, 8.6817,
15.4440

 18.2450, 22.0642,
16.4481

254.4130, 0.2894,
0.5148

 4.4460, 17.0351,
-3.8991

 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 123.0640, 33.4924,
37.6549

■ 123.0640, 33.4924,
37.6549

■ 110.4160, 39.7279,
44.3622

■ 135.7120, 27.2570,
30.9476

■ 98.0670, 45.8160,
51.6842

■ 148.0610, 21.1689,
23.6255

■ 85.4190, 52.0514,
58.3915

■ 160.7090, 14.9335,
16.9182

■ 72.7710, 58.2869,
65.0988

■ 173.3570, 8.6980,
10.2109

■ 65.1290, 62.0544,
70.0469

■ 186.2930, 2.3206,
2.3740

■ 198.9410, -3.9149,
-4.3333

■ 211.2900,
-10.0030, -11.6553

■ 223.9380,
-16.2384, -18.3626

■ 233.6510,
-21.0269, -22.4959

Harmonies

Analogous

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



114.7650, 53.3599, -34.8739



123.0640, 33.4924, 37.6549



115.5350, 12.5542, 80.2148

Triad

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



123.0640, 33.4924, 37.6549



112.9970, -55.7075, 41.2216



102.7850, 25.7420, -90.1424

Complementary

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



123.0640, 33.4924, 37.6549



155.9360, -33.4924, -37.6549

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.



95.2270, 1.8601, -83.5141



123.0640, 33.4924, 37.6549



108.3250, -53.4042, 2.3460

Square

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



123.0640, 33.4924, 37.6549



114.1900, -38.0547, 72.6244



96.6610, -26.4549, -54.9537



106.3820, 47.1397, -93.2970

Rectangle

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



123.0640, 33.4924, 37.6549



112.3610, -3.6290, 90.8914



96.6610, -26.4549, -54.9537



100.7330, 17.8796, -88.3428

Sweetspot

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



123.0640, 33.4924, 37.6549



221.4160, 12.6129, 14.5442



115.0040, 37.4660, -23.6825



109.1180, 7.8298, 8.6665



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



123.0640, 33.4924, 37.6549



141.4190, 52.0514, 58.3915



127.5750, 18.4505, 55.6237



88.1190, 2.8993, 3.4036



53.8920, 51.3252, 57.9767



10.4110, 10.1504, 11.0406

Inverse Universe

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



121.6470, -4.2630, 60.8226



139.2860, -6.5500, 94.4652



151.4250, -18.4505, -55.6237



87.9190, -0.4531, 5.3330



51.5740, -6.6920, 93.3356



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 123.0640, 33.4924, 37.6549 looks on a white background.

Color Contrast Check

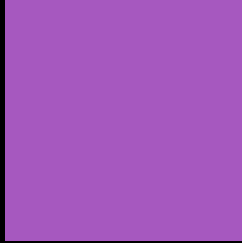
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 123.0640, 33.4924, 37.6549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

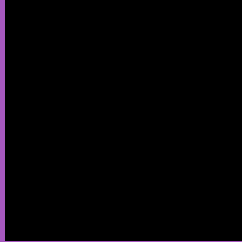
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.0640, 33.4924, 37.6549

Background



This preview shows how black text looks on a background with the YUV color 123.0640, 33.4924, 37.6549.



This preview shows how white text looks on a background with the YUV color 123.0640, 33.4924, 37.6549.

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

123.0640, 33.4924, 37.6549

Protanopia

114.7600, 50.8973, -38.3775

Deuteranopia

118.1410, 32.9615, -25.5567



Tritanopia

122.2640, -3.5812, 28.7095

Trichromacy



Original Color

123.0640, 33.4924, 37.6549

Protanomaly

117.6280, 44.5534, -10.1978

Deuteranomaly

119.6970, 33.1804, -2.3653

Tritanomaly

122.5430, 10.0853, 31.9728

Monochromacy



Original Color

123.0640, 33.4924, 37.6549

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0030, 12.3235, 14.0294

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0640, 33.4924, 37.6549 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(166, 88, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 88, 191)  
}
```

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(166, 88, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 88, 191) }
```

Border

The CSS property to change the border of an element to YUV 123.0640, 33.4924, 37.6549 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(166, 88, 191) }
```


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

```
.border{ border-color:rgb(166, 88, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 88, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 88, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 88, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 88,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 123.0640, 33.4924, 37.6549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 88, 191) }
```

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

```
.background{ background-color: rgb(166, 88,  
191) }
```

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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