

Converting Colors

YUV(96.7380, 24.2862, 3.7378)

Have a look what the booklet for
YUV(96.7380, 24.2862, 3.7378)
contains.

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Color

**YUV(96.7380, 24.2862,
3.7378)**

Conversions

Conversions Part 1

Format	Color
Hex	655592
RGB	101, 85, 146
RGB Percent	40%, 33%, 57%
CMY	0.6039, 0.6667, 0.4275
CMYK	0.31, 0.42, 0.00, 0.43
HSL	256°, 26%, 45%
HSV	256°, 42%, 57%
XYZ	13.8036, 11.3390, 28.6552
YIQ	96.7380, -10.0450, 22.3630

Conversions

Conversions Part 2

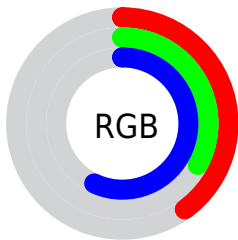
Format	Color
R_{YB}	101, 85, 146
Decimal	6641042
CIE _{Lab}	40.15, 20.81, -31.36
CIE _{LCh}	40, 37.641, 303.565
Yxy	11.3390, 0.2566, 0.2108
Android (android.graphics.Color)	4284831122 (0xFF655592)
YUV	96.7380, 24.2862, 3.7378
Hunter-Lab	33.6735, 14.2433, -26.8828

Details

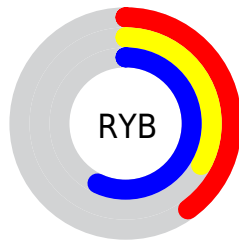
The YUV color **96.7380, 24.2862, 3.7378** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **134.2620, -24.2862, -3.7378**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0910, 25.5911, 5.1822**, and **49.5590, 22.4024, 1.2638** is the 20% darker color. If you saturate the color by 10%, you get **84.6440, 30.2485, 4.6972**, and if you desaturate by 10%, it is **108.8320, 18.3238, 2.7783**.

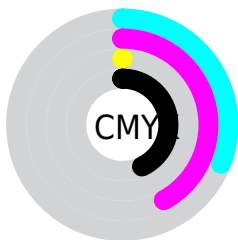
Distribution



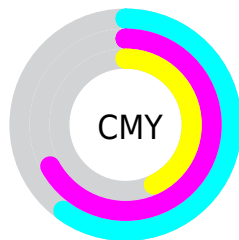
- Red (40%)
- Green (33%)
- Blue (57%)



- Red (40%)
- Yellow (33%)
- Blue (57%)



- Cyan (31%)
- Magenta (42%)
- Yellow (0%)
- Black (43%)



- Cyan (60%)
- Magenta (67%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.7380, 24.2862, 3.7378 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 96.7380, 24.2862, 3.7378 by changing the saturation by 10% instead.

96.7380, 24.2862,
3.7378

96.7380, 24.2862,
3.7378

255.0000, 0.0000,
0.0000

72.7980, 23.2706,
2.8082

148.0910, 25.5911,
5.1822

49.5590, 22.4024,
1.2638

174.6180, 26.3173,
5.5970

27.3200, 21.5342,
-0.2806

201.9170, 26.1699,
6.2118

8.1630, 19.6396,
0.7340

226.7250, 13.9396,
9.0112

3.5510, 11.0674,
-3.1142

248.5430, 3.1833,
5.6628

0.0000, 0.0000,
0.0000

96.7380, 24.2862,
3.7378

96.7380, 24.2862,
3.7378

84.6440, 30.2485,
4.6972

108.8320, 18.3238,
2.7783

73.1370, 35.9215,
5.1419

120.3390, 12.6509,
2.3337

61.3420, 41.7364,
6.7161

132.1340, 6.8359,
0.7595

49.8350, 47.4093,
7.1607

143.6410, 1.1630,
0.3148

37.7410, 53.3717,
8.1201

155.7350, -4.7994,
-0.6446


28.0060, 58.1710,
8.7647

167.8290,
-10.7617, -1.6040

179.0370,
-16.2872, -2.6634

191.1310,

-22.2496, -3.6229

 202.6380,
-27.9225, -4.0675

Harmonies

Analogous

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



86.3840, 34.3207, -41.5558



96.7380, 24.2862, 3.7378



97.2380, 12.7007, 33.1173

Triad

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



96.7380, 24.2862, 3.7378



92.9340, -26.5895, 35.1379



75.6280, 10.5364, -66.3258

Complementary

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



96.7380, 24.2862, 3.7378



134.2620, -24.2862, -3.7378

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.



80.1890, -6.9952, -43.1388



96.7380, 24.2862, 3.7378



90.7760, -30.4556, 15.1054

Square

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



96.7380, 24.2862, 3.7378



93.8830, -15.7183, 48.3376



88.1580, -23.2489, -9.7856



78.5750, 24.3665, -68.9103

Rectangle

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



96.7380, 24.2862, 3.7378



95.6110, 3.6428, 45.0682



88.1580, -23.2489, -9.7856



73.9010, 6.4578, -64.8112

Sweetspot

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



96.7380, 24.2862, 3.7378



168.9430, 9.8881, 1.8040



118.9560, 13.3327, -29.7794



81.9060, 5.9623, 0.9594



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.



96.7380, 24.2862, 3.7378



112.3050, 37.8106, 5.8715



105.7080, 19.8640, 22.1811



68.0970, 2.9102, -0.0851



26.4960, 54.9715, 8.3350



2.0370, 3.9258, 0.8446

Inverse Universe

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



108.3690, 10.6641, 33.0024



130.3850, 16.5722, 51.4054



125.2920, -19.8640, -22.1811



69.6630, 1.1521, 3.8035



52.8900, 24.2112, 74.6415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 96.7380, 24.2862, 3.7378 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 96.7380, 24.2862, 3.7378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

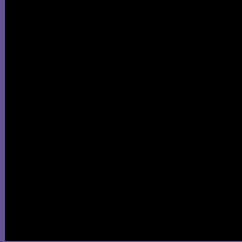
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.7380, 24.2862, 3.7378

Background



This preview shows how black text looks on a background with the YUV color 96.7380, 24.2862, 3.7378.



This preview shows how white text looks on a background with the YUV color 96.7380, 24.2862,

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

96.7380, 24.2862, 3.7378

Protanopia

93.2620, 29.4508, -19.5238

Deuteranopia

92.8230, 25.2303, -19.1388



Tritanopia

94.9010, 3.4998, -2.5442

Trichromacy



Original Color

96.7380, 24.2862, 3.7378

Protanomaly

94.4480, 27.3871, -10.9169

Deuteranomaly

94.4650, 24.9138, -10.9318

Tritanomaly

95.2740, 11.2039, -0.2403

Monochromacy



Original Color

96.7380, 24.2862, 3.7378

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0030, 8.8725, 0.8744

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7380, 24.2862, 3.7378 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(101, 85, 146)` looks like.

```
.text, #text, p{  
    color:rgb(101, 85, 146)  
}
```

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(101, 85, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 85, 146) }
```

Border

The CSS property to change the border of an element to YUV 96.7380, 24.2862, 3.7378 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(101, 85, 146) }
```


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

```
.border{ border-color:rgb(101, 85, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 85, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 85, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 85, 146); box-shadow:4px 4px 4px 4px rgb(101, 85, 146) }
```

Background

The CSS property to change the background color of an element to YUV 96.7380, 24.2862, 3.7378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 85, 146) }
```

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

```
.background{ background-color: rgb(101, 85,  
146) }
```

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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