

Converting Colors

YUV(78.3440, 18.5644, 18.9923)

Have a look what the booklet for
YUV(78.3440, 18.5644, 18.9923)
contains.

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Color

**YUV(78.3440, 18.5644,
18.9923)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 643C74 |
| RGB | 100, 60, 116 |
| RGB Percent | 39%, 24%, 45% |
| CMY | 0.6078, 0.7647, 0.5451 |
| CMYK | 0.14, 0.48, 0.00, 0.55 |
| HSL | 283°, 32%, 35% |
| HSV | 283°, 48%, 45% |
| XYZ | 10.0238, 7.2020, 17.3848 |
| YIQ | 78.3440, 5.8640, 25.8960 |

Conversions

Conversions Part 2

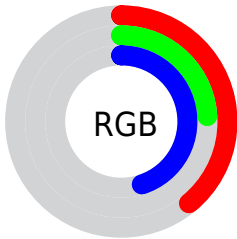
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 100, 60, 116 |
| Decimal | 6569076 |
| CIE _{Lab} | 32.26, 28.20, -25.29 |
| CIE _{LCh} | 32, 37.880, 318.116 |
| Yxy | 7.2020, 0.2896, 0.2081 |
| Android (android.graphics.Color) | 4284759156 (0xFF643C74) |
| YUV | 78.3440, 18.5644, 18.9923 |
| Hunter-Lab | 26.8365, 19.7080, -19.6227 |

Details

The YUV color **78.3440, 18.5644, 18.9923** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **97.6560, -18.5644, -18.9923**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5830, 19.4326, 20.5367**, and **31.1050, 17.6962, 17.4479** is the 20% darker color. If you saturate the color by 10%, you get **70.4030, 22.4793, 23.3256**, and if you desaturate by 10%, it is **86.2850, 14.6495, 14.6591**.

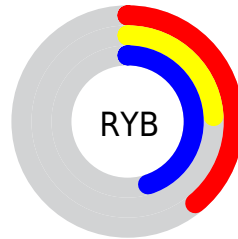
Distribution



Red (39%)

Green (24%)

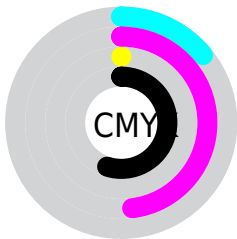
Blue (45%)



Red (39%)

Yellow (24%)

Blue (45%)

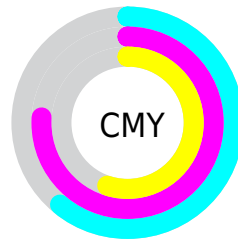


Cyan (14%)

Magenta (48%)

Yellow (0%)

Black (55%)



Cyan (61%)

Magenta (76%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.3440, 18.5644, 18.9923 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 78.3440, 18.5644, 18.9923 by changing the saturation by 10% instead.

78.3440, 18.5644,
18.9923

78.3440, 18.5644,
18.9923

255.0000, 0.0000,
0.0000

54.5180, 17.9856,
17.9627

128.5830, 19.4326,
20.5367

31.1050, 17.6962,
17.4479

154.5230, 20.4482,
21.4663

14.3990, 15.0863,
14.5591

181.9360, 20.7376,
21.9811

3.2090, 9.7570,
-2.8143

209.6480, 20.8795,
23.1107

0.0000, 0.0000,
0.0000

232.1070, 11.2862,
20.0772

248.5430, 3.1833,

5.6628

■ 78.3440, 18.5644,
18.9923

■ 78.3440, 18.5644,
18.9923

■ 70.4030, 22.4793,
23.3256

■ 86.2850, 14.6495,
14.6591

■ 62.7500, 26.2523,
26.5293

■ 93.9380, 10.8766,
11.4554

■ 54.8090, 30.1672,
30.8625

■ 101.8790, 6.9617,
7.1221

■ 47.4550, 33.7927,
34.6810

■ 109.2330, 3.3361,
3.3037

■ 39.2150, 37.8550,
38.3994

■ 117.4730, -0.7262,
-0.4148

■ 38.0410, 38.4338,
39.4290

■ 125.4140, -4.6411,
-4.7481

■ 132.7680, -8.2666,
-8.5665

■ 141.0080,
-12.3289, -12.2850

■ 148.3620,
-15.9545, -16.1035

Harmonies

Analogous

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



73.8600, 29.1560, -18.2942



78.3440, 18.5644, 18.9923



75.9850, 6.4164, 42.1092

Triad

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



78.3440, 18.5644, 18.9923



72.6570, -29.9039, 24.8568



63.5460, 15.0138, -55.7298

Complementary

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



78.3440, 18.5644, 18.9923



97.6560, -18.5644, -18.9923

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.



59.4250, 1.7625, -52.1157



78.3440, 18.5644, 18.9923



70.4540, -28.8178, 3.1098

Square

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



78.3440, 18.5644, 18.9923



73.8730, -20.6434, 41.3304



65.7200, -15.6380, -24.3104



65.3360, 26.9494, -57.2997

Rectangle

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



78.3440, 18.5644, 18.9923



74.3250, -2.6252, 48.8270



65.7200, -15.6380, -24.3104



62.2920, 10.2090, -54.6301

Sweetspot

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



78.3440, 18.5644, 18.9923



135.8790, 6.9617, 7.1221



76.3630, 19.5410, -14.3504



67.5860, 4.6411, 4.7481



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



78.3440, 18.5644, 18.9923



91.7550, 28.7148, 30.0329



81.8740, 11.4011, 29.9285



54.8800, 2.0312, 1.8592



39.9210, 40.4649, 41.2883



82.0210, 82.8136, 85.0506

Inverse Universe

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



78.5680, -1.2660, 32.8279



91.8630, -1.9045, 50.9861



94.1260, -11.4011, -29.9285



54.9080, -0.4476, 3.5887



40.4680, -2.6957, 71.5036



82.8440, -5.8391, 146.5958

Previews

White Background



This preview shows how the YUV color 78.3440, 18.5644, 18.9923 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 ✓ Pass

Black Background



This preview shows how the YUV color 78.3440, 18.5644, 18.9923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

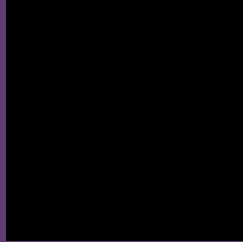
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3440, 18.5644, 18.9923

Background



This preview shows how black text looks on a background with the YUV color 78.3440, 18.5644, 18.9923.



This preview shows how white text looks on a background with the YUV color 78.3440, 18.5644,

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

78.3440, 18.5644, 18.9923

Protanopia

74.5780, 26.8300, -18.9239

Deuteranopia

75.4340, 18.5200, -13.5356



Tritanopia

77.7460, -1.3538, 14.2548

Trichromacy



Original Color

78.3440, 18.5644, 18.9923

Protanomaly

76.1560, 23.5871, -5.3988

Deuteranomaly

76.5110, 18.4821, -1.3251

Tritanomaly

77.7060, 6.0609, 16.0438

Monochromacy



Original Color

78.3440, 18.5644, 18.9923

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.8790, 6.9617, 7.1221

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3440, 18.5644, 18.9923 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(100, 60, 116)` looks like.

```
.text, #text, p{  
    color:rgb(100, 60, 116)  
}
```

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(100, 60, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 60, 116) }
```

Border

The CSS property to change the border of an element to YUV 78.3440, 18.5644, 18.9923 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(100, 60, 116) }
```


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

```
.border{ border-color:rgb(100, 60, 116) }
```

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

Here you see how a box with a 4 pixel rgb(100, 60, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 60, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 60, 116);  
box-shadow:4px 4px 4px 4px rgb(100, 60,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 78.3440, 18.5644, 18.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 60, 116) }
```

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

```
.background{ background-color: rgb(100, 60,  
116) }
```

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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