

Converting Colors

YUV(73.3640, 24.9635, 19.8518)

Have a look what the booklet for
YUV(73.3640, 24.9635, 19.8518)
contains.

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Color

**YUV(73.3640, 24.9635,
19.8518)**

Conversions

Conversions Part 1

Format	Color
Hex	60347C
RGB	96, 52, 124
RGB Percent	38%, 20%, 49%
CMY	0.6235, 0.7961, 0.5137
CMYK	0.23, 0.58, 0.00, 0.51
HSL	277°, 41%, 35%
HSV	277°, 58%, 49%
XYZ	9.6900, 6.3980, 19.7930
YIQ	73.3640, 3.1120, 31.7200

Conversions

Conversions Part 2

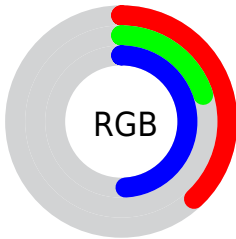
Format	Color
R_{YB}	96, 52, 124
Decimal	6304892
CIE _{Lab}	30.40, 33.60, -33.30
CIE _{LCh}	30, 47.308, 315.252
Yxy	6.3980, 0.2701, 0.1783
Android (android.graphics.Color)	4284494972 (0xFF60347C)
YUV	73.3640, 24.9635, 19.8518
Hunter-Lab	25.2943, 24.1163, -28.6889

Details

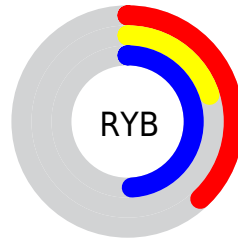
The YUV color **73.3640, 24.9635, 19.8518** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **102.6360, -24.9635, -19.8518**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.0160, 26.1211, 21.9110**, and **24.5380, 24.3848, 18.8222** is the 20% darker color. If you saturate the color by 10%, you get **64.8250, 29.1733, 22.9555**, and if you desaturate by 10%, it is **81.9030, 20.7538, 16.7481**.

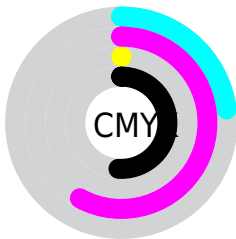
Distribution



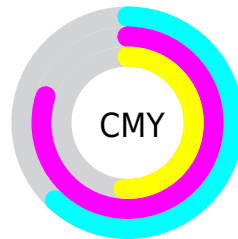
- Red (38%)
- Green (20%)
- Blue (49%)



- Red (38%)
- Yellow (20%)
- Blue (49%)



- Cyan (23%)
- Magenta (58%)
- Yellow (0%)
- Black (51%)



- Cyan (62%)
- Magenta (80%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3640, 24.9635, 19.8518 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 73.3640, 24.9635, 19.8518 by changing the saturation by 10% instead.

73.3640, 24.9635,
19.8518

73.3640, 24.9635,
19.8518

255.0000, 0.0000,
0.0000

49.5380, 24.3848,
18.8222

124.0160, 26.1211,
21.9110

24.5380, 24.3848,
18.8222

149.9560, 27.1367,
22.8406

14.3000, 18.5861,
12.0149

176.7820, 27.7155,
23.8702

4.4800, 12.0884,
-3.9290

204.3970, 24.9473,
25.0848

0.0000, 0.0000,
0.0000

226.8240, 13.8908,
24.7104

243.8470, 5.4984,

9.7812

■ 73.3640, 24.9635,
19.8518

■ 73.3640, 24.9635,
19.8518

■ 64.8250, 29.1733,
22.9555

■ 81.9030, 20.7538,
16.7481

■ 55.6990, 33.6724,
26.5740

■ 91.0290, 16.2547,
13.1296

■ 47.4590, 37.7347,
30.2925

■ 99.2690, 12.1924,
9.4111

■ 38.3330, 42.2338,
33.9110

■ 108.3950, 7.6933,
5.7926

■ 36.8600, 42.9600,
34.3258

■ 116.9340, 3.4835,
2.6889

■ 125.4730, -0.7262,
-0.4148

■ 134.5990, -5.2253,
-4.0333

■ 143.1380, -9.4350,
-7.1370

■ 151.9650,
-13.7867, -11.3703

Harmonies

Analogous

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



60.6810, 40.5833, -43.5702



73.3640, 24.9635, 19.8518



68.0170, 11.3306, 52.6051

Triad

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



73.3640, 24.9635, 19.8518



67.4790, -33.2671, 30.2749



61.9160, 13.8454, -54.3003

Complementary

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



73.3640, 24.9635, 19.8518



102.6360, -24.9635, -19.8518

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.



56.8830, -2.9003, -49.8864



73.3640, 24.9635, 19.8518



65.5420, -32.3122, 3.9097

Square

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



73.3640, 24.9635, 19.8518



66.8420, -23.5861, 51.8816



56.6670, -22.0208, -30.4030



64.5040, 28.8385, -56.5700

Rectangle

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



73.3640, 24.9635, 19.8518



64.4390, 1.2626, 61.8820



56.6670, -22.0208, -30.4030



60.4340, 8.1670, -53.0006

Sweetspot

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



73.3640, 24.9635, 19.8518



141.2750, 9.7244, 7.6518



77.2310, 23.0571, -22.1276



69.9280, 5.9515, 4.4481



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



73.3640, 24.9635, 19.8518



81.5130, 39.1871, 31.1221



80.9380, 17.7786, 37.7654



56.8800, 2.0312, 1.8592



36.9740, 43.3968, 34.2258



74.7740, 87.3724, 69.4812

Inverse Universe

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



76.7200, 1.6170, 41.4646



86.8030, 2.5621, 65.0708



95.0620, -17.7786, -37.7654



57.0220, -0.0108, 3.4887



42.9610, 2.9772, 71.9482



86.5200, 5.6596, 145.1260

Previews

White Background



This preview shows how the YUV color 73.3640, 24.9635, 19.8518 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 73.3640, 24.9635, 19.8518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

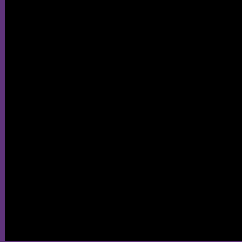
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.3640, 24.9635, 19.8518

Background



This preview shows how black text looks on a background with the YUV color 73.3640, 24.9635, 19.8518.



This preview shows how white text looks on a background with the YUV color 73.3640, 24.9635,

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

73.3640, 24.9635, 19.8518

Protanopia

65.3510, 37.7880, -33.6338

Deuteranopia

68.4910, 25.3939, -24.9866



Tritanopia

72.8490, -0.9116, 12.4104

Trichromacy



Original Color

73.3640, 24.9635, 19.8518

Protanomaly

67.9190, 33.0709, -13.9610

Deuteranomaly

69.8890, 25.1977, -8.6727

Tritanomaly

72.9770, 8.3923, 14.9292

Monochromacy



Original Color

73.3640, 24.9635, 19.8518

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8620, 9.4350, 7.1370

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3640, 24.9635, 19.8518 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(96, 52, 124)` looks like.

```
.text, #text, p{  
    color:rgb(96, 52, 124)  
}
```

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(96, 52, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 52, 124) }
```

Border

The CSS property to change the border of an element to YUV 73.3640, 24.9635, 19.8518 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(96, 52, 124) }
```


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

```
.border{ border-color:rgb(96, 52, 124) }
```

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

Here you see how a box with a 4 pixel rgb(96, 52, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 52, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 52, 124);  
box-shadow:4px 4px 4px 4px rgb(96, 52,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 73.3640, 24.9635, 19.8518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 52, 124) }
```

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

```
.background{ background-color: rgb(96, 52,  
124) }
```

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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