

Converting Colors

YUV(93.3630, 13.1320, 34.7616)

Have a look what the booklet for
YUV(93.3630, 13.1320, 34.7616)
contains.

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Color

**YUV(93.3630, 13.1320,
34.7616)**

Conversions

Conversions Part 1

Format	Color
Hex	854478
RGB	133, 68, 120
RGB Percent	52%, 27%, 47%
CMY	0.4784, 0.7333, 0.5294
CMYK	0.00, 0.49, 0.10, 0.48
HSL	312°, 32%, 39%
HSV	312°, 49%, 52%
XYZ	15.1302, 10.4769, 18.9941
YIQ	93.3630, 22.0480, 29.9520

Conversions

Conversions Part 2

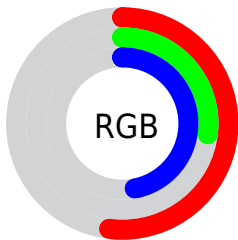
Format	Color
R_{YB}	133, 68, 120
Decimal	8733816
CIE _{Lab}	38.69, 35.27, -17.47
CIE _{LCh}	39, 39.357, 333.655
Yxy	10.4769, 0.3392, 0.2349
Android (android.graphics.Color)	4286923896 (0xFF854478)
YUV	93.3630, 13.1320, 34.7616
Hunter-Lab	32.3680, 26.7945, -12.1348

Details

The YUV color **93.3630, 13.1320, 34.7616** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.6370, -13.1320, -34.7616**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0860, 13.2686, 37.6356**, and **42.8790, 13.8637, 33.4321** is the 20% darker color. If you saturate the color by 10%, you get **85.3900, 15.5837, 41.7540**, and if you desaturate by 10%, it is **101.3360, 10.6804, 27.7693**.

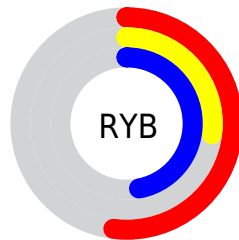
Distribution



Red (52%)

Green (27%)

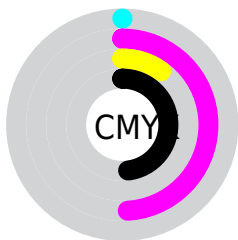
Blue (47%)



Red (52%)

Yellow (27%)

Blue (47%)

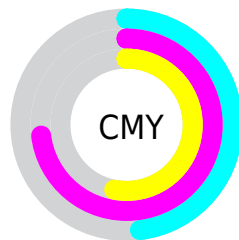


Cyan (0%)

Magenta (49%)

Yellow (10%)

Black (48%)



Cyan (48%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3630, 13.1320, 34.7616 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 93.3630, 13.1320, 34.7616 by changing the saturation by 10% instead.

93.3630, 13.1320,
34.7616

93.3630, 13.1320,
34.7616

255.0000, 0.0000,
0.0000

68.6510, 12.9901,
33.6321

145.0860, 13.2686,
37.6356

42.8790, 13.8637,
33.4321

172.4990, 13.5580,
38.1504

22.6290, 13.0009,
30.1434

200.2110, 13.7000,
39.2800

14.2550, 6.7763,
19.9474

222.1280, 16.2059,
28.8287

0.0000, 0.0000,
0.0000

239.1510, 7.8136,
13.8996

■ 93.3630, 13.1320,
34.7616

■ 93.3630, 13.1320,
34.7616

■ 85.3900, 15.5837,
41.7540

■ 101.3360, 10.6804,
27.7693

■ 76.9440, 18.7616,
49.1611

■ 109.7820, 7.5025,
20.3622

■ 68.9710, 21.2133,
56.1534

■ 117.7550, 5.0508,
13.3699

■ 60.9980, 23.6650,
63.1458

■ 125.7280, 2.5991,
6.3775

■ 52.5520, 26.8429,
70.5529

■ 134.1740, -0.5788,
-1.0296

■ 51.8510, 26.6955,
71.1677

■ 142.1470, -3.0305,
-8.0219

■ 150.1200, -5.4822,
-15.0142

■ 157.9790, -8.3706,

-21.9066

■ 166.5390,
-11.1117, -29.4137

Harmonies

Analogous

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



92.9660, 25.1598, 3.5378



93.3630, 13.1320, 34.7616



90.9770, -1.4677, 50.8862

Triad

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



93.3630, 13.1320, 34.7616



87.3200, -32.2028, 15.5054



76.5860, 24.3611, -67.1659

Complementary

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



93.3630, 13.1320, 34.7616



107.6370, -13.1320, -34.7616

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.



73.5250, 10.0942, -64.4814



93.3630, 13.1320, 34.7616



83.5170, -24.4119, -10.1004

Square

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



93.3630, 13.1320, 34.7616



89.0050, -27.6105, 35.9526



73.6830, -6.2527, -47.9570



76.7460, 35.1282, -67.3062

Rectangle

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



93.3630, 13.1320, 34.7616



89.7570, -11.2192, 51.9561



73.6830, -6.2527, -47.9570



75.4460, 19.9931, -66.1661

Sweetspot

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



93.3630, 13.1320, 34.7616



157.1680, 5.3402, 13.8847



79.2970, 26.4756, 1.4935



77.2660, 3.3199, 8.5367



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



93.3630, 13.1320, 34.7616



110.8460, 20.7819, 54.5091



89.7150, -0.8455, 37.9609



62.3640, 1.2995, 3.1888



50.7260, 26.2641, 69.5233



1.1250, 0.4314, 1.6444

Inverse Universe

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



93.3630, 13.1320, 34.7616



110.8460, 20.7819, 54.5091



111.3990, 1.2823, -38.0609



62.3640, 1.2995, 3.1888



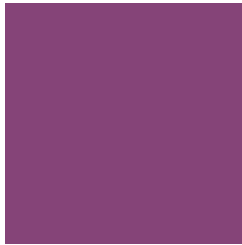
50.7260, 26.2641, 69.5233



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 93.3630, 13.1320, 34.7616 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 93.3630, 13.1320, 34.7616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

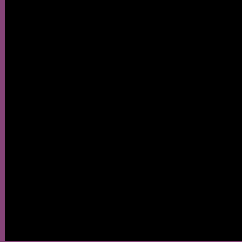
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.3630, 13.1320, 34.7616

Background



This preview shows how black text looks on a background with the YUV color 93.3630, 13.1320, 34.7616.



This preview shows how white text looks on a background with the YUV color 93.3630, 13.1320,

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

93.3630, 13.1320, 34.7616

Protanopia

91.1720, 22.5932, -13.3058

Deuteranopia

92.3660, 11.6516, -3.8290



Tritanopia

92.5310, -5.1918, 31.9833

Trichromacy



Original Color

93.3630, 13.1320, 34.7616

Protanomaly

92.0710, 19.1920, 4.3227

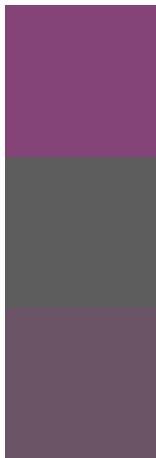
Deuteranomaly

92.5680, 12.0450, 10.0259

Tritanomaly

92.6650, 1.6442, 32.7428

Monochromacy



Original Color

93.3630, 13.1320, 34.7616

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.3420, 4.7614, 12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3630, 13.1320, 34.7616 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(133, 68, 120)` looks like.

```
.text, #text, p{  
    color:rgb(133, 68, 120)  
}
```

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(133, 68, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 68, 120) }
```

Border

The CSS property to change the border of an element to YUV 93.3630, 13.1320, 34.7616 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(133, 68, 120) }
```


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

```
.border{ border-color:rgb(133, 68, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 68, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 68, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 68, 120);  
box-shadow:4px 4px 4px 4px rgb(133, 68,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 93.3630, 13.1320, 34.7616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 68, 120) }
```

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

```
.background{ background-color: rgb(133, 68,  
120) }
```

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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