

Converting Colors

YUV(123.5630, 9.5824, 6.5222)

Have a look what the booklet for
YUV(123.5630, 9.5824, 6.5222)
contains.

YUV(123.5630, 9.5824, 6.5222)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(123.5630, 9.5824,
6.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	83748F
RGB	131, 116, 143
RGB Percent	51%, 45%, 56%
CMY	0.4863, 0.5451, 0.4392
CMYK	0.08, 0.19, 0.00, 0.44
HSL	273°, 11%, 51%
HSV	273°, 19%, 56%
XYZ	20.5634, 19.2992, 28.6279
YIQ	123.5630, 0.2730, 11.5770

Conversions

Conversions Part 2

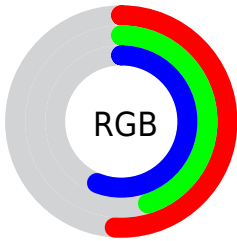
Format	Color
R _Y B	131, 116, 143
Decimal	8615055
CIE Lab	51.04, 11.22, -12.55
CIE LCh	51, 16.830, 311.790
Yxy	19.2992, 0.3002, 0.2818
Android (android.graphics.Color)	4286805135 (0xFF83748F)
YUV	123.5630, 9.5824, 6.5222
Hunter-Lab	43.9309, 6.6740, -7.8852

Details

The YUV color **123.5630, 9.5824, 6.5222** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.4370, -9.5824, -6.5222**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0900, 10.3086, 6.9371**, and **74.7370, 9.0037, 5.4927** is the 20% darker color. If you saturate the color by 10%, you get **113.5510, 14.5184, 10.0408**, and if you desaturate by 10%, it is **133.5750, 4.6465, 3.0037**.

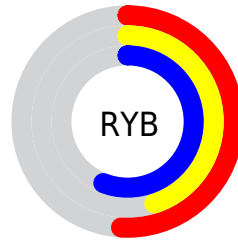
Distribution



Red (51%)

Green (45%)

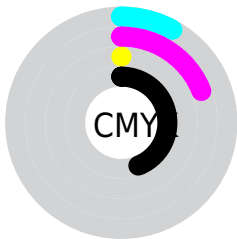
Blue (56%)



Red (51%)

Yellow (45%)

Blue (56%)

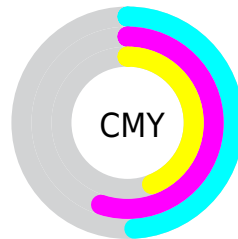


Cyan (8%)

Magenta (19%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5630, 9.5824, 6.5222 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 123.5630, 9.5824, 6.5222 by changing the saturation by 10% instead.

■ 123.5630, 9.5824,
6.5222

■ 123.5630, 9.5824,
6.5222

■ 255.0000, 0.0000,
0.0000

■ 98.4490, 9.1456,
6.6222

■ 176.0900, 10.3086,
6.9371

■ 74.7370, 9.0037,
5.4927

■ 203.5030, 10.5980,
7.4519

■ 52.2100, 8.2775,
5.0778

■ 231.5030, 10.5980,
7.4519

■ 30.7970, 7.9881,
4.5630

■ 253.2390, 0.8682,
1.5444

■ 8.0470, 8.8508,
7.8518

■ 0.0000, 0.0000,
0.0000

■ 123.5630, 9.5824,
6.5222

■ 123.5630, 9.5824,
6.5222

■ 113.5510, 14.5184,
10.0408

■ 133.5750, 4.6465,
3.0037

■ 102.6530, 19.8911,
13.4593

■ 144.4730, -0.7262,
-0.4148

■ 92.6410, 24.8270,
16.9778

■ 154.4850, -5.6621,
-3.9333

■ 82.6290, 29.7629,
20.4964

■ 164.4970,
-10.5980, -7.4519

■ 72.3180, 34.8462,
23.4001

■ 175.3950,
-15.9707, -10.8704

■ 61.7190, 40.0715,
27.4334

■ 185.4070,
-20.9067, -14.3889

■ 51.7070, 45.0074,
30.9520

■ 195.4190,
-25.8426, -17.9075

■ 41.3960, 50.0908,

■ 205.7300,

33.8557

-30.9259, -20.8112

■ 39.9230, 50.8170,
34.2705

■ 216.3290,
-36.1512, -24.8445

Harmonies

Analogous

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



121.5010, 13.5570, -8.3324



123.5630, 9.5824, 6.5222



124.0330, 3.4347, 18.3881

Triad

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



123.5630, 9.5824, 6.5222



121.9560, -13.2893, 15.8246



115.6050, 5.6177, -28.5946

Complementary

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



123.5630, 9.5824, 6.5222



135.4370, -9.5824, -6.5222

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.



116.8960, -2.4137, -19.2028



123.5630, 9.5824, 6.5222



120.1890, -13.4042, 5.9732

Square

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



123.5630, 9.5824, 6.5222



122.6240, -9.6746, 23.1318



118.2520, -8.9982, -7.2370



116.2010, 11.7329, -29.9943

Rectangle

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



123.5630, 9.5824, 6.5222



123.8010, -1.3809, 22.9765



118.2520, -8.9982, -7.2370



115.9320, 2.9915, -26.2504

Sweetspot

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



123.5630, 9.5824, 6.5222



178.0480, 3.9203, 2.5889



126.1220, 8.3209, -8.8770



89.5810, 2.1786, 1.2445



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.



123.5630, 9.5824, 6.5222



155.0780, 15.2445, 10.4556



127.0370, 7.3768, 13.9996



65.9940, 2.4680, 1.7593



37.8150, 47.9122, 32.6112



2.1080, 2.9048, 1.6593

Inverse Universe

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



125.4410, 1.2616, 15.3992



158.0230, 1.9607, 24.5358



131.9630, -7.3768, -13.9996



66.4350, 0.2785, 4.0035



47.2050, 6.3079, 76.9962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 123.5630, 9.5824, 6.5222 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 123.5630, 9.5824, 6.5222 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 123.5630, 9.5824, 6.5222

Background



This preview shows how black text looks on a background with the YUV color 123.5630, 9.5824, 6.5222.



This preview shows how white text looks on a background with the YUV color 123.5630, 9.5824,

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

123.5630, 9.5824, 6.5222

Protanopia

122.3550, 11.6570, -5.5733

Deuteranopia

122.8180, 9.4567, 0.1596



Tritanopia

123.0160, 2.4571, 5.2480

Trichromacy



Original Color

123.5630, 9.5824, 6.5222

Protanomaly

122.5620, 11.0619, -1.3699

Deuteranomaly

123.1280, 9.3039, 2.5187

Tritanomaly

123.2980, 4.7831, 5.8777

Monochromacy



Original Color

123.5630, 9.5824, 6.5222

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5630, 9.5824, 6.5222 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(131, 116, 143)` looks like.

```
.text, #text, p{  
    color:rgb(131, 116, 143)  
}
```

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(131, 116, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 116, 143) }
```

Border

The CSS property to change the border of an element to YUV 123.5630, 9.5824, 6.5222 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(131, 116, 143) }
```


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

```
.border{ border-color:rgb(131, 116, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 116, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 116, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 116, 143);  
box-shadow:4px 4px 4px 4px rgb(131, 116,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 123.5630, 9.5824, 6.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 116, 143) }
```

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

```
.background{ background-color: rgb(131,  
116, 143) }
```

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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