

# Converting Colors

YUV(95.5650, 23.3855, 12.6595)

Have a look what the booklet for  
YUV(95.5650, 23.3855, 12.6595)  
contains.

<b>YUV(95.5650, 23.3855, 12.6595)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(95.5650, 23.3855,  
12.6595)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4F8F
RGB	110, 79, 143
RGB Percent	43%, 31%, 56%
CMY	0.5686, 0.6902, 0.4392
CMYK	0.23, 0.45, 0.00, 0.44
HSL	269°, 29%, 44%
HSV	269°, 45%, 56%
XYZ	14.1843, 10.8901, 27.3410
YIQ	95.5650, -2.0680, 26.4760

# Conversions

## Conversions Part 2

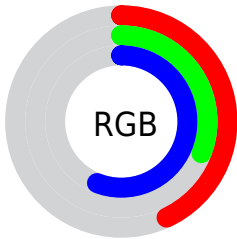
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	110, 79, 143
Decimal	7229327
CIE <sub>Lab</sub>	39.39, 26.44, -30.67
CIE <sub>LCh</sub>	39, 40.494, 310.766
Y <sub>xy</sub>	10.8901, 0.2706, 0.2078
Android (android.graphics.Color)	4285419407 (0xFF6E4F8F)
Y <sub>UV</sub>	95.5650, 23.3855, 12.6595
Hunter-Lab	33.0002, 18.9734, -26.0222

# Details

The YUV color **95.5650, 23.3855, 12.6595** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **126.4350, -23.3855, -12.6595**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.9180, 24.6904, 14.1039**, and **47.7990, 21.7911, 10.7003** is the 20% darker color. If you saturate the color by 10%, you get **85.2540, 28.4688, 15.5632**, and if you desaturate by 10%, it is **105.8760, 18.3021, 9.7557**.

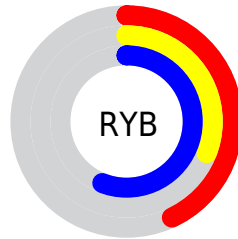
# Distribution



Red (43%)

Green (31%)

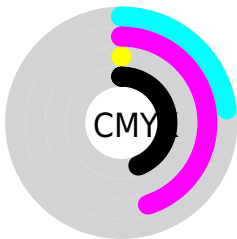
Blue (56%)



Red (43%)

Yellow (31%)

Blue (56%)

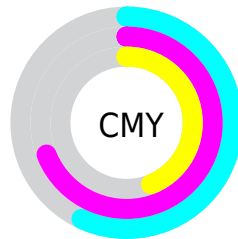


Cyan (23%)

Magenta (45%)

Yellow (0%)

Black (44%)



Cyan (57%)

Magenta (69%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 95.5650, 23.3855, 12.6595 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 95.5650, 23.3855, 12.6595 by changing the saturation by 10% instead.



■ 95.5650, 23.3855,  
12.6595

■ 95.5650, 23.3855,  
12.6595

■ 255.0000, 0.0000,  
0.0000

■ 71.6250, 22.3699,  
11.7299

■ 146.9180, 24.6904,  
14.1039

■ 47.7990, 21.7911,  
10.7003

■ 173.4450, 25.4166,  
14.5187

■ 25.5600, 20.9229,  
9.1559

■ 201.2710, 25.9954,  
15.5483

■ 10.6260, 17.4394,  
6.4670

■ 226.4920, 14.0544,  
18.8625

■ 3.3230, 10.1938,  
-2.9143

■ 245.0210, 4.9196,  
8.7516

■ 0.0000, 0.0000,  
0.0000

95.5650, 23.3855,  
12.6595

95.5650, 23.3855,  
12.6595

85.2540, 28.4688,  
15.5632

105.8760, 18.3021,  
9.7557

74.0570, 33.9889,  
18.3670

117.0730, 12.7820,  
6.9520

63.7460, 39.0722,  
21.2708

127.3840, 7.6987,  
4.0482

53.4350, 44.1555,  
24.1745

137.6950, 2.6154,  
1.1445

42.8250, 49.3863,  
26.4635

148.8920, -2.9048,  
-1.6593


36.9330, 52.2910,  
28.1228

159.2030, -7.9881,  
-4.5630

169.8130,  
-13.2188, -6.8520

180.1240,

-18.3021, -9.7557

 191.0220,  
-23.6748, -13.1743

# Harmonies

## Analogous

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



87.2650, 34.8724, -31.8044



95.5650, 23.3855, 12.6595



94.3100, 10.2002, 41.8241

# Triad

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



95.5650, 23.3855, 12.6595



90.1850, -30.6572, 33.1638



75.8390, 13.8834, -66.5108

# Complementary

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



95.5650, 23.3855, 12.6595



126.4350, -23.3855, -12.6595

# 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.



70.7890, -0.3890, -62.0820



95.5650, 23.3855, 12.6595



87.8740, -32.4759, 9.7575

# Square

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



95.5650, 23.3855, 12.6595



90.8570, -19.6495, 49.2374



83.8580, -21.6220, -18.2925



78.1990, 28.0029, -68.5805



# Rectangle

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



95.5650, 23.3855, 12.6595



92.1450, 0.4215, 51.6158



83.8580, -21.6220, -18.2925



74.5850, 9.0786, -65.4110

# Sweetspot

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



95.5650, 23.3855, 12.6595



168.3240, 8.7143, 4.9779



105.6670, 18.4052, -23.3870



83.1020, 5.3727, 3.4185



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.



95.5650, 23.3855, 12.6595



111.7520, 36.6043, 19.5115



105.1330, 18.6684, 32.3324



65.9940, 2.4680, 1.7593



34.8250, 49.3863, 26.4635



2.1080, 2.9048, 1.6593



# Inverse Universe

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



101.8980, 4.9803, 36.0465



121.7140, 7.5360, 56.3788



116.8670, -18.6684, -32.3324



66.5490, 0.7153, 3.9035



48.3450, 10.6759, 75.9964



2.8480, 0.5679, 4.5183



# Previews

## White Background



This preview shows how the YUV color 95.5650, 23.3855, 12.6595 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 95.5650, 23.3855, 12.6595 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 95.5650, 23.3855, 12.6595

## Background



This preview shows how black text looks on a background with the YUV color 95.5650, 23.3855, 12.6595.



This preview shows how white text looks on a background with the YUV color 95.5650, 23.3855,



# 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

95.5650, 23.3855, 12.6595

### Protanopia

91.3050, 30.9086, -20.4385

### Deuteranopia

91.7800, 23.7725, -18.2241



## Tritanopia

94.3860, 1.2887, 6.6775

# Trichromacy



## Original Color

95.5650, 23.3855, 12.6595

## Protanomaly

92.9860, 28.1079, -8.7577

## Deuteranomaly

93.1450, 23.5925, -7.1432

## Tritanomaly

94.8730, 9.4296, 8.8814

# Monochromacy



## Original Color

95.5650, 23.3855, 12.6595

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

95.9110, 8.4249, 4.4631

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.5650, 23.3855, 12.6595 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(110, 79, 143)` looks like.

```
.text, #text, p{  
    color:rgb(110, 79, 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(110, 79, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 79, 143) }
```

## Border

The CSS property to change the border of an element to YUV 95.5650, 23.3855, 12.6595 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(110, 79, 143) }
```



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

```
.border{ border-color:rgb(110, 79, 143) }
```

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

Here you see how a box with a 4 pixel rgb(110, 79, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 79, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 79, 143);  
box-shadow:4px 4px 4px 4px rgb(110, 79,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 95.5650, 23.3855, 12.6595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 79, 143) }
```

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

```
.background{ background-color: rgb(110, 79,  
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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