

Converting Colors

YUV(96.4540, 15.0592, 23.2808)

Have a look what the booklet for
YUV(96.4540, 15.0592, 23.2808)
contains.

YUV(96.4540, 15.0592, 23.2808)	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(96.4540, 15.0592,
23.2808)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4D7F
RGB	123, 77, 127
RGB Percent	48%, 30%, 50%
CMY	0.5176, 0.6980, 0.5020
CMYK	0.03, 0.39, 0.00, 0.50
HSL	295°, 25%, 40%
HSV	295°, 39%, 50%
XYZ	14.6530, 11.0510, 21.4394
YIQ	96.4540, 11.3660, 25.3020

Conversions

Conversions Part 2

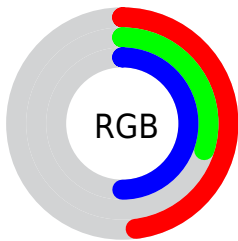
Format	Color
R_{YB}	123, 77, 127
Decimal	8080767
CIE _{Lab}	39.67, 28.16, -20.38
CIE _{LCh}	40, 34.760, 324.110
Yxy	11.0510, 0.3108, 0.2344
Android (android.graphics.Color)	4286270847 (0xFF7B4D7F)
YUV	96.4540, 15.0592, 23.2808
Hunter-Lab	33.2431, 20.5046, -14.9677

Details

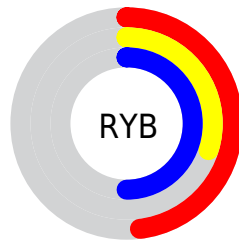
The YUV color **96.4540, 15.0592, 23.2808** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.5460, -15.0592, -23.2808**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6930, 15.9274, 24.8252**, and **48.3290, 14.6278, 21.6365** is the 20% darker color. If you saturate the color by 10%, you get **88.5240, 18.9687, 29.3585**, and if you desaturate by 10%, it is **104.3840, 11.1497, 17.2032**.

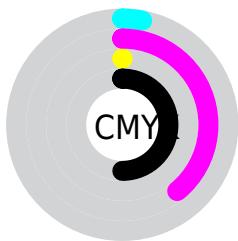
Distribution



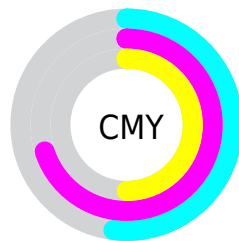
- Red (48%)
- Green (30%)
- Blue (50%)



- Red (48%)
- Yellow (30%)
- Blue (50%)



- Cyan (3%)
- Magenta (39%)
- Yellow (0%)
- Black (50%)



- Cyan (52%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4540, 15.0592, 23.2808 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 96.4540, 15.0592, 23.2808 by changing the saturation by 10% instead.

96.4540, 15.0592,
23.2808

96.4540, 15.0592,
23.2808

255.0000, 0.0000,
0.0000

71.7420, 14.9172,
22.1513

147.6930, 15.9274,
24.8252

48.3290, 14.6278,
21.6365

174.5190, 16.5061,
25.8548

25.0300, 14.7752,
21.0217

202.2310, 16.6481,
26.9844

13.1450, 10.2815,
15.6588

227.4110, 13.6014,
24.1956

0.6840, 2.6208,
-0.5999

244.4340, 5.2090,
9.2664

0.0000, 0.0000,
0.0000

96.4540, 15.0592,
23.2808

96.4540, 15.0592,
23.2808

88.5240, 18.9687,
29.3585

104.3840, 11.1497,
17.2032

81.1810, 22.5888,
34.9213

111.7270, 7.5296,
11.6404

73.2510, 26.4983,
40.9989

119.6570, 3.6201,
5.5628

65.3210, 30.4077,
47.0765

127.5870, -0.2894,
-0.5148

57.9780, 34.0278,
52.6393

135.5170, -4.1989,
-6.5924

50.0480, 37.9373,
58.7169


142.8600, -7.8190,
-12.1552

49.4610, 38.2267,
59.2317

150.7900,
-11.7285, -18.2328

158.7200,

-15.6380, -24.3104

 166.0630,
-19.2581, -29.8733

Harmonies

Analogous

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



93.9000, 25.1923, -6.9283



96.4540, 15.0592, 23.2808



95.2470, 2.3432, 41.8794

Triad

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



96.4540, 15.0592, 23.2808



91.2050, -27.7091, 20.8682



76.0330, 19.7037, -66.6809

Complementary

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



96.4540, 15.0592, 23.2808



107.5460, -15.0592, -23.2808

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.



72.7270, 7.0366, -63.7816



96.4540, 15.0592, 23.2808



88.5720, -24.4390, -1.3786

Square

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



96.4540, 15.0592, 23.2808



92.2100, -21.7955, 37.5268



83.3220, -11.9907, -27.4694



77.4810, 30.3289, -67.9508

Rectangle

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



96.4540, 15.0592, 23.2808



93.6900, -6.2562, 46.7529



83.3220, -11.9907, -27.4694



75.4800, 15.0464, -66.1960

Sweetspot

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



96.4540, 15.0592, 23.2808



153.6620, 6.0826, 9.0664



85.0480, 20.6823, -7.0581



76.6570, 3.6201, 5.5628



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



96.4540, 15.0592, 23.2808



118.4200, 23.4569, 36.4657



95.2560, 5.2968, 27.8395



59.5920, 2.1731, 2.9888



49.5750, 38.6635, 59.1317



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.4060, -5.6232, 30.3389



112.0060, -8.8770, 47.3527



108.7440, -5.2968, -27.8395



59.2070, -0.5951, 4.2035



39.4120, -14.5001, 77.6917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 96.4540, 15.0592, 23.2808 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 96.4540, 15.0592, 23.2808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

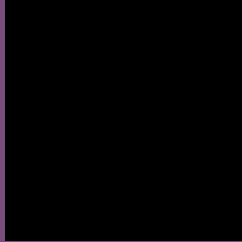
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.4540, 15.0592, 23.2808

Background



This preview shows how black text looks on a background with the YUV color 96.4540, 15.0592, 23.2808.



This preview shows how white text looks on a background with the YUV color 96.4540, 15.0592,

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

96.4540, 15.0592, 23.2808

Protanopia

93.1720, 22.5932, -13.3058

Deuteranopia

93.8540, 14.8620, -6.8880



Tritanopia

95.5510, -2.2436, 19.6878

Trichromacy



Original Color

96.4540, 15.0592, 23.2808

Protanomaly

94.5650, 19.9345, -0.4955

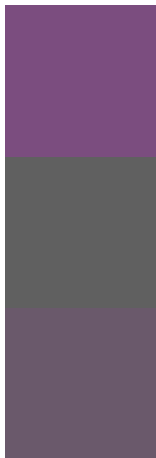
Deuteranomaly

94.9200, 14.8294, 3.5782

Tritanomaly

95.8700, 4.0081, 21.1620

Monochromacy



Original Color

96.4540, 15.0592, 23.2808

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1350, 5.3564, 8.6516

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4540, 15.0592, 23.2808 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(123, 77, 127)` looks like.

```
.text, #text, p{  
    color:rgb(123, 77, 127)  
}
```

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(123, 77, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 77, 127) }
```

Border

The CSS property to change the border of an element to YUV 96.4540, 15.0592, 23.2808 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(123, 77, 127) }
```


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

```
.border{ border-color:rgb(123, 77, 127) }
```

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

Here you see how a box with a 4 pixel rgb(123, 77, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 77, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 77, 127);  
box-shadow:4px 4px 4px 4px rgb(123, 77,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 96.4540, 15.0592, 23.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 77, 127) }
```

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

```
.background{ background-color: rgb(123, 77,  
127) }
```

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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