

Converting Colors

YUV(123.4450, 15.0636,
-24.9463)

Have a look what the booklet for
YUV(123.4450, 15.0636, -24.9463)
contains.

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Color

**YUV(123.4450, 15.0636,
-24.9463)**

Conversions

Conversions Part 1

Format	Color
Hex	5F849A
RGB	95, 132, 154
RGB Percent	37%, 52%, 60%
CMY	0.6275, 0.4824, 0.3961
CMYK	0.38, 0.14, 0.00, 0.40
HSL	202°, 24%, 49%
HSV	202°, 38%, 60%
XYZ	18.8033, 21.2685, 33.6860
YIQ	123.4450, -29.1140, -1.0020

Conversions

Conversions Part 2

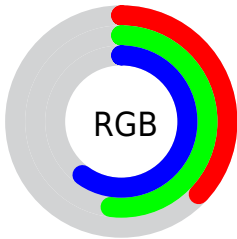
Format	Color
R_{YB}	95, 118, 154
Decimal	6259866
CIE _{Lab}	53.24, -7.12, -15.88
CIE _{LCh}	53, 17.406, 245.868
Yxy	21.2685, 0.2549, 0.2884
Android (android.graphics.Color)	4284449946 (0xFF5F849A)
YUV	123.4450, 15.0636, -24.9463
Hunter-Lab	46.1178, -7.9275, -11.0250

Details

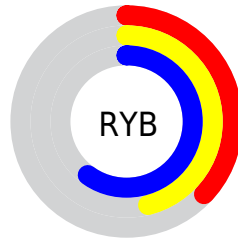
The YUV color **123.4450, 15.0636, -24.9463** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **125.5550, -15.0636, 24.9463**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5590, 15.5004, -25.0462**, and **73.6190, 14.4848, -25.9759** is the 20% darker color. If you saturate the color by 10%, you get **115.4380, 19.0111, -31.0791**, and if you desaturate by 10%, it is **131.4520, 11.1162, -18.8134**.

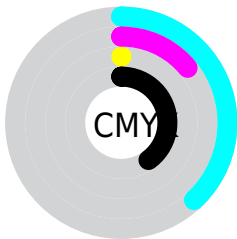
Distribution



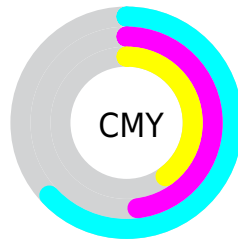
- Red (37%)
- Green (52%)
- Blue (60%)



- Red (37%)
- Yellow (46%)
- Blue (60%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.4450, 15.0636, -24.9463 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 123.4450, 15.0636, -24.9463 by changing the saturation by 10% instead.

■ 123.4450, 15.0636,
-24.9463

■ 123.4450, 15.0636,
-24.9463

■ 255.0000, 0.0000,
0.0000

■ 98.3310, 14.6268,
-24.8463

■ 176.5590, 15.5004,
-25.0462

■ 73.6190, 14.4848,
-25.9759

■ 204.3740, 16.0846,
-25.7610

■ 49.3090, 14.6377,
-28.3350

■ 231.2340, 11.7166,
-24.7612

■ 28.6900, 13.4638,
-25.1611

■ 247.8240, 3.5378,
-14.7546

■ 13.8550, 9.9315,
-12.1508

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 123.4450, 15.0636,
-24.9463

■ 123.4450, 15.0636,
-24.9463

■ 115.4380, 19.0111,
-31.0791

■ 131.4520, 11.1162,
-18.8134

■ 107.7190, 22.8165,
-38.3416

■ 139.1710, 7.3107,
-11.5510

■ 99.7120, 26.7640,
-44.4744

■ 147.1780, 3.3632,
-5.4181

■ 91.4060, 30.8588,
-51.2221

■ 155.4840, -0.7316,
1.3295

■ 83.3990, 34.8063,
-57.3549

■ 163.4910, -4.6791,
7.4624

■ 75.9790, 38.4644,
-64.0026

■ 170.9110, -8.3371,
14.1101

■ 74.4950, 39.1960,
-65.3321

■ 179.2170,
-12.4320, 20.8577

■ 187.2240,
-16.3794, 26.9906

■ 195.5300,
-20.4743, 33.7382

Harmonies

Analogous

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



121.0760, 11.3015, -31.6387



123.4450, 15.0636, -24.9463



126.2340, 15.1676, -11.6062

Triad

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



123.4450, 15.0636, -24.9463



129.2850, -2.1125, 24.3061



124.8070, -10.7509, -5.0927

Complementary

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



123.4450, 15.0636, -24.9463



125.5550, -15.0636, 24.9463

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.



126.2710, -14.4306, 8.5323



123.4450, 15.0636, -24.9463



128.7490, -9.2433, 24.7761

Square

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



123.4450, 15.0636, -24.9463



129.7770, 5.0399, 16.8586



127.5650, -13.5895, 18.7985



122.7390, -4.3083, -18.1881

Rectangle

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



123.4450, 15.0636, -24.9463



128.3170, 12.6617, -1.1550



127.5650, -13.5895, 18.7985



125.0850, -12.3669, -0.0745

Sweetspot

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



123.4450, 15.0636, -24.9463



189.7260, 5.5581, -9.4067



132.1410, -7.4645, -32.5727



95.1780, 3.3632, -5.4181



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



123.4450, 15.0636, -24.9463



153.5340, 23.4007, -39.0563



106.4220, 23.4560, -10.0171



72.8470, 2.0474, -3.3738



67.6160, 35.6853, -59.2992



6.1780, 3.3632, -5.4181

Inverse Universe

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



116.8590, 7.4645, 32.5727



143.1200, 11.7728, 50.7608



142.5780, -23.4560, 10.0171



71.9620, 1.0047, 4.4183



51.8920, 17.8012, 77.2707



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 123.4450, 15.0636, -24.9463 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 123.4450, 15.0636, -24.9463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

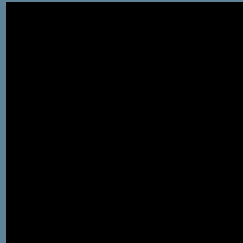
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.4450, 15.0636, -24.9463

Background



This preview shows how black text looks on a background with the YUV color 123.4450, 15.0636, -24.9463.



This preview shows how white text looks on a background with the YUV color 123.4450, 15.0636, -24.9463.

-24.9463.

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

123.4450, 15.0636, -24.9463

Protanopia

127.5400, 11.0728, -4.8586

Deuteranopia

127.6480, 13.9775, -3.1993



Tritanopia

122.8810, 10.4117, -26.2056

Trichromacy



Original Color

123.4450, 15.0636, -24.9463

Protanomaly

125.8380, 12.4049, -12.1359

Deuteranomaly

126.0060, 14.2940, -11.4063

Tritanomaly

123.0490, 12.3008, -25.4760

Monochromacy



Original Color

123.4450, 15.0636, -24.9463

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0250, 5.4107, -8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.4450, 15.0636, -24.9463 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(95, 132, 154)` looks like.

```
.text, #text, p{  
    color:rgb(95, 132, 154)  
}
```

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(95, 132, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 132, 154) }
```

Border

The CSS property to change the border of an element to YUV 123.4450, 15.0636, -24.9463 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(95, 132, 154) }
```


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

```
.border{ border-color:rgb(95, 132, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 132, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 132, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 132, 154);  
box-shadow:4px 4px 4px 4px rgb(95, 132,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 123.4450, 15.0636, -24.9463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 132, 154) }
```

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

```
.background{ background-color: rgb(95, 132,  
154) }
```

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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