

# Converting Colors

YUV(101.5550, 24.8694,  
-43.4597)

Have a look what the booklet for  
YUV(101.5550, 24.8694, -43.4597)  
contains.

<b>YUV(101.5550, 24.8694, -43.4597)</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(101.5550, 24.8694,  
-43.4597)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	347598
RGB	52, 117, 152
RGB Percent	20%, 46%, 60%
CMY	0.7961, 0.5412, 0.4039
CMYK	0.66, 0.23, 0.00, 0.40
HSL	201°, 49%, 40%
HSV	201°, 66%, 60%
XYZ	13.4450, 15.7196, 32.0313
YIQ	101.5550, -49.9750, -2.8950

# Conversions

## Conversions Part 2

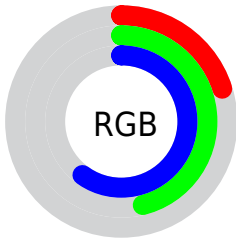
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 91, 152
Decimal	3437976
CIELab	46.60, -9.33, -25.08
CIElCh	47, 26.754, 249.601
Yxy	15.7196, 0.2197, 0.2569
Android (android.graphics.Color)	4281628056 (0xFF347598)
YUV	101.5550, 24.8694, -43.4597
Hunter-Lab	39.6480, -8.8532, -20.1464

# Details

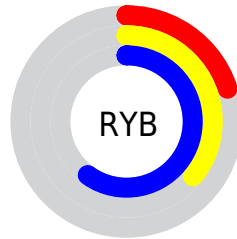
The YUV color **101.5550, 24.8694, -43.4597** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **102.4450, -24.8694, 43.4597**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2780, 25.0059, -40.5858**, and **52.0170, 24.1486, -45.6189** is the 20% darker color. If you saturate the color by 10%, you get **94.1350, 28.5274, -50.1074**, and if you desaturate by 10%, it is **108.9750, 21.2113, -36.8121**.

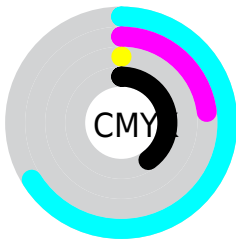
# Distribution



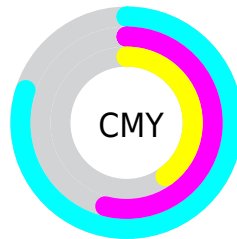
- Red (20%)
- Green (46%)
- Blue (60%)



- Red (20%)
- Yellow (36%)
- Blue (60%)



- Cyan (66%)
- Magenta (23%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (54%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.5550, 24.8694, -43.4597 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 101.5550, 24.8694, -43.4597 by changing the saturation by 10% instead.



■ 101.5550, 24.8694,  
-43.4597

■ 101.5550, 24.8694,  
-43.4597

■ 255.0000, 0.0000,  
0.0000

■ 72.5540, 26.3489,  
-51.3519

■ 155.2780, 25.0059,  
-40.5858

■ 52.0170, 24.1486,  
-45.6189

■ 182.8050, 25.7321,  
-40.1710

■ 36.3670, 20.0321,  
-31.8939

■ 209.8930, 22.2378,  
-39.3712

■ 22.0050, 15.7735,  
-19.2984

■ 235.5870, 9.5706,  
-36.4718

■ 4.8220, 13.3988,  
-4.2289

■ 245.4320, 4.7170,  
-19.6729

■ 0.5700, 2.1840,  
-0.4999

■ 254.1030, 0.4422,

■ 0.0000, 0.0000,

-1.8443

0.0000

■ 101.5550, 24.8694,  
-43.4597

■ 101.5550, 24.8694,  
-43.4597

■ 94.1350, 28.5274,  
-50.1074

■ 108.9750, 21.2113,  
-36.8121

■ 86.1280, 32.4749,  
-56.2403

■ 116.9820, 17.2639,  
-30.6792

■ 78.4090, 36.2804,  
-63.5027

■ 124.7010, 13.4584,  
-23.4168

■ 75.4410, 37.7436,  
-66.1618

■ 132.1210, 9.8003,  
-16.7691

■ 140.1280, 5.8529,  
-10.6363

■ 147.5480, 2.1948,  
-3.9886

■ 154.9680, -1.4632,  
2.6591

■ 163.2740, -5.5581,  
9.4067

■ 170.6940, -9.2161,  
16.0544

# Harmonies

## Analogous

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



93.0380, 22.1663, -63.1773



101.5550, 24.8694, -43.4597



109.0360, 22.1673, -16.6946

# Triad

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



101.5550, 24.8694, -43.4597



112.4930, -4.1870, 36.4016



105.9220, -15.2445, -10.4556

# Complementary

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



101.5550, 24.8694, -43.4597



102.4450, -24.8694, 43.4597

# 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.



107.9630, -20.6878, 8.8024



101.5550, 24.8694, -43.4597



111.5500, -14.0751, 34.5977

# Square

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



101.5550, 24.8694, -43.4597



113.5980, 6.6072, 27.5396



110.1760, -20.2998, 24.4016



101.4770, -3.6862, -31.1133



# Rectangle

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



101.5550, 24.8694, -43.4597



112.4080, 18.0399, 0.5192



110.1760, -20.2998, 24.4016



106.6840, -17.5922, -4.1079

# Sweetspot

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



101.5550, 24.8694, -43.4597



176.7080, 9.5110, -17.2839



114.6900, -13.6512, -54.9791



87.4270, 5.7055, -10.0215



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



101.5550, 24.8694, -43.4597



117.9570, 38.4752, -67.4913



72.2050, 39.3389, -17.7198



72.8470, 2.0474, -3.3738



69.3770, 34.8171, -60.8436



6.1780, 3.3632, -5.4181



# Inverse Universe

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



89.3100, 13.6512, 54.9791



98.8590, 21.2685, 85.1927



131.7950, -39.3389, 17.7198



71.9620, 1.0047, 4.4183



52.2340, 19.1116, 76.9708



4.7990, 1.5781, 7.1923



# Previews

## White Background



This preview shows how the YUV color 101.5550, 24.8694, -43.4597 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 101.5550, 24.8694, -43.4597 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

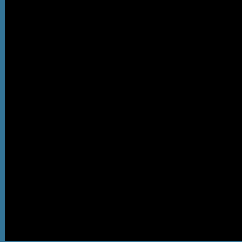
Any Text WCAG AA × Fail

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 101.5550, 24.8694, -43.4597 Background



This preview shows how black text looks on a background with the YUV color 101.5550, 24.8694, -43.4597.



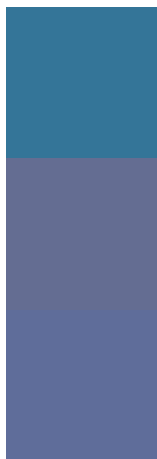
This preview shows how white text looks on a background with the YUV color 101.5550, 24.8694, -43.4597.



# 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

101.5550, 24.8694, -43.4597

### Protanopia

110.5270, 17.4882, -9.2322

### Deuteranopia

109.9440, 21.7196, -13.1059



## Tritanopia

97.9210, 16.3079, -50.7967

# Trichromacy



## Original Color

101.5550, 24.8694, -43.4597

## Protanomaly

107.4330, 19.9995, -21.4277

## Deuteranomaly

106.8070, 22.7731, -24.3867

## Tritanomaly

99.4420, 19.5021, -48.6226

# Monochromacy



## Original Color

101.5550, 24.8694, -43.4597

## Achromatopsia

102.0000, 0.0000, 0.0000

## Achromatomaly

101.6050, 9.0687, -15.4396

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.5550, 24.8694, -43.4597 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(52, 117, 152)` looks like.

```
.text, #text, p{  
    color:rgb(52, 117, 152)  
}
```

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(52, 117, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 117, 152) }
```

## Border

The CSS property to change the border of an element to YUV 101.5550, 24.8694, -43.4597 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(52, 117, 152) }
```



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

```
.border{ border-color:rgb(52, 117, 152) }
```

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

Here you see how a box with a 4 pixel rgb(52, 117, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 117, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 117, 152);  
box-shadow:4px 4px 4px 4px rgb(52, 117,  
152) }
```

# Background

The CSS property to change the background color of an element to YUV 101.5550, 24.8694, -43.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 117, 152) }
```

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

```
.background{ background-color: rgb(52, 117,  
152) }
```

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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