

Converting Colors

YUV(93.5510, 24.3784,
-25.9162)

Have a look what the booklet for
YUV(93.5510, 24.3784, -25.9162)
contains.

YUV(93.5510, 24.3784, -25.9162)	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(93.5510, 24.3784,
-25.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	40638F
RGB	64, 99, 143
RGB Percent	25%, 39%, 56%
CMY	0.7490, 0.6118, 0.4392
CMYK	0.55, 0.31, 0.00, 0.44
HSL	213°, 38%, 41%
HSV	213°, 55%, 56%
XYZ	11.5341, 11.9968, 27.6943
YIQ	93.5510, -34.9840, 6.2640

Conversions

Conversions Part 2

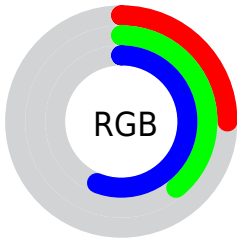
Format	Color
R_{YB}	64, 88, 143
Decimal	4219791
CIE _{Lab}	41.21, 0.94, -28.08
CIE _{LCh}	41, 28.095, 271.926
Yxy	11.9968, 0.2252, 0.2342
Android (android.graphics.Color)	4282409871 (0xFF40638F)
YUV	93.5510, 24.3784, -25.9162
Hunter-Lab	34.6365, -1.1724, -23.1611

Details

The YUV color **93.5510, 24.3784, -25.9162** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **113.4490, -24.3784, 25.9162**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4910, 25.3939, -24.9866**, and **41.5990, 24.8477, -36.4823** is the 20% darker color. If you saturate the color by 10%, you get **84.6690, 28.7572, -30.4047**, and if you desaturate by 10%, it is **102.4330, 19.9995, -21.4277**.

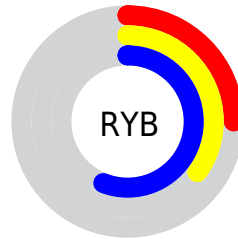
Distribution



Red (25%)

Green (39%)

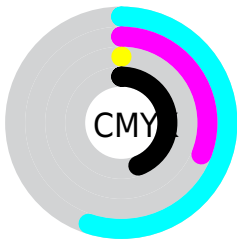
Blue (56%)



Red (25%)

Yellow (35%)

Blue (56%)

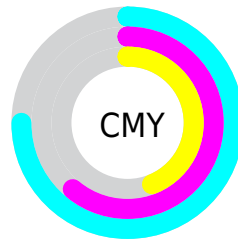


Cyan (55%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (75%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.5510, 24.3784, -25.9162 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 93.5510, 24.3784, -25.9162 by changing the saturation by 10% instead.

■ 93.5510, 24.3784,
-25.9162

■ 93.5510, 24.3784,
-25.9162

■ 255.0000, 0.0000,
0.0000

■ 68.1270, 24.0944,
-28.1754

■ 145.4910, 25.3939,
-24.9866

■ 41.5990, 24.8477,
-36.4823

■ 172.0180, 26.1201,
-24.5718

■ 26.6500, 20.8786,
-23.3720

■ 200.1320, 26.5569,
-24.6718

■ 9.3530, 18.0670,
-8.2026

■ 225.0540, 14.7634,
-21.9724

■ 3.4370, 10.6306,
-3.0142

■ 247.2260, 3.8326,
-15.9842

■ 0.0000, 0.0000,
0.0000

■ 93.5510, 24.3784,
-25.9162

■ 93.5510, 24.3784,
-25.9162

■ 84.6690, 28.7572,
-30.4047

■ 102.4330, 19.9995,
-21.4277

■ 75.4880, 33.2834,
-35.5080

■ 111.6140, 15.4733,
-16.3245

■ 66.6060, 37.6622,
-39.9965

■ 120.4960, 11.0945,
-11.8360

■ 57.7240, 42.0411,
-44.4849

■ 129.3780, 6.7156,
-7.3475

■ 53.2830, 44.2305,
-46.7292


■ 138.5590, 2.1894,
-2.2442

■ 147.4410, -2.1894,
2.2442

■ 156.3230, -6.5682,
6.7327

■ 165.2050,

-10.9471, 11.2212

 174.3860,
-15.4733, 16.3245

Harmonies

Analogous

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



78.4490, 28.8656, -65.2918



93.5510, 24.3784, -25.9162



99.1200, 18.1818, 1.6488

Triad

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



93.5510, 24.3784, -25.9162



97.8430, -11.7546, 36.9717



88.7010, -6.7546, -26.9248

Complementary

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



93.5510, 24.3784, -25.9162



113.4490, -24.3784, 25.9162

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.



92.6730, -17.5868, -5.8522



93.5510, 24.3784, -25.9162



96.7250, -19.5844, 28.3052

Square

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



93.5510, 24.3784, -25.9162



99.2910, -1.1295, 35.7018



94.9420, -22.1564, 13.2059



80.2380, 8.7567, -55.4597

Rectangle

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



93.5510, 24.3784, -25.9162



100.1390, 12.7495, 17.4181



94.9420, -22.1564, 13.2059



90.3060, -10.9969, -19.5624

Sweetspot

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



93.5510, 24.3784, -25.9162



166.7520, 9.4893, -10.3065



115.2750, -4.0796, -44.9682



82.4490, 5.6946, -6.5328



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.



93.5510, 24.3784, -25.9162



109.3070, 37.8096, -40.6112



74.2020, 33.9174, -5.4392



66.5590, 2.1894, -2.2442



50.6100, 41.6043, -44.3850



2.6730, 2.6262, -2.3442

Inverse Universe

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



91.6110, 3.6428, 45.0682



106.0470, 5.8928, 70.1188



132.7980, -33.9174, 5.4392



66.4350, 0.2785, 4.0035



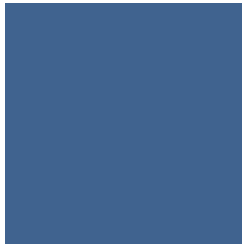
47.2050, 6.3079, 76.9962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 93.5510, 24.3784, -25.9162 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 93.5510, 24.3784, -25.9162 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 93.5510, 24.3784, -25.9162

Background



This preview shows how black text looks on a background with the YUV color 93.5510, 24.3784, -25.9162.

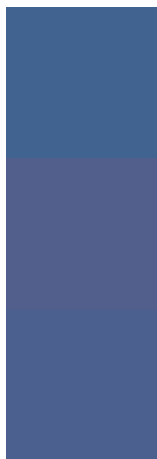


This preview shows how white text looks on a background with the YUV color 93.5510, 24.3784,

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

93.5510, 24.3784, -25.9162

Protanopia

96.2430, 21.5722, -12.4911

Deuteranopia

95.4920, 23.9144, -17.0945



Tritanopia

90.3640, 11.1595, -32.7682

Trichromacy



Original Color

93.5510, 24.3784, -25.9162

Protanomaly

94.8510, 22.7515, -17.4093

Deuteranomaly

94.8830, 24.2147, -20.0684

Tritanomaly

91.6400, 15.9535, -30.3793

Monochromacy



Original Color

93.5510, 24.3784, -25.9162

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9370, 8.9051, -9.5917

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.5510, 24.3784, -25.9162 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(64, 99, 143)` looks like.

```
.text, #text, p{  
    color:rgb(64, 99, 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(64, 99, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 99, 143) }
```

Border

The CSS property to change the border of an element to YUV 93.5510, 24.3784, -25.9162 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(64, 99, 143) }
```


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

```
.border{ border-color:rgb(64, 99, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 99, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 99, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 99, 143);  
box-shadow:4px 4px 4px 4px rgb(64, 99,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 93.5510, 24.3784, -25.9162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 99, 143) }
```

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

```
.background{ background-color: rgb(64, 99,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor