

Converting Colors

YUV(90.0540, 15.2564, 53.4496)

Have a look what the booklet for
YUV(90.0540, 15.2564, 53.4496)
contains.

YUV(90.0540, 15.2564, 53.4496)	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(90.0540, 15.2564,
53.4496)**

Conversions

Conversions Part 1

Format	Color
Hex	973579
RGB	151, 53, 121
RGB Percent	59%, 21%, 47%
CMY	0.4078, 0.7922, 0.5255
CMYK	0.00, 0.65, 0.20, 0.41
HSL	318°, 48%, 40%
HSV	318°, 65%, 59%
XYZ	17.4868, 10.5060, 19.1954
YIQ	90.0540, 36.5800, 41.9240

Conversions

Conversions Part 2

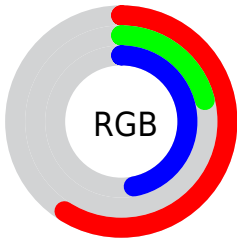
Format	Color
R_{YB}	151, 53, 121
Decimal	9909625
CIE _{Lab}	38.74, 48.45, -17.77
CIE _{LCh}	39, 51.604, 339.855
Yxy	10.5060, 0.3706, 0.2226
Android (android.graphics.Color)	4288099705 (0xFF973579)
YUV	90.0540, 15.2564, 53.4496
Hunter-Lab	32.4129, 39.5781, -12.4232

Details

The YUV color **90.0540, 15.2564, 53.4496** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **113.9460, -15.2564, -53.4496**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1360, 14.2300, 56.0087**, and **37.2110, 17.1510, 52.4350** is the 20% darker color. If you saturate the color by 10%, you get **80.6790, 17.4133, 61.6715**, and if you desaturate by 10%, it is **99.4290, 13.0995, 45.2278**.

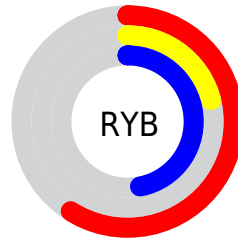
Distribution



Red (59%)

Green (21%)

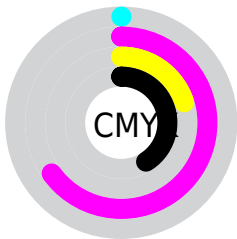
Blue (47%)



Red (59%)

Yellow (21%)

Blue (47%)

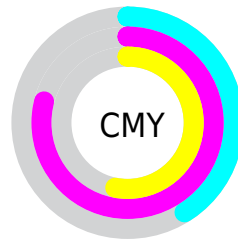


Cyan (0%)

Magenta (65%)

Yellow (20%)

Black (41%)



Cyan (41%)

Magenta (79%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0540, 15.2564, 53.4496 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 90.0540, 15.2564, 53.4496 by changing the saturation by 10% instead.

90.0540, 15.2564,
53.4496

90.0540, 15.2564,
53.4496

255.0000, 0.0000,
0.0000

62.1080, 16.7088,
54.2793

144.1360, 14.2300,
56.0087

37.2110, 17.1510,
52.4350

171.8480, 14.3719,
57.1383

26.6300, 11.5214,
38.0355

196.2710, 16.1354,
51.5053

17.6580, 5.5916,
26.6099

215.6710, 19.3892,
34.4915

0.0000, 0.0000,
0.0000

232.6940, 10.9969,
19.5624

249.7170, 2.6045,

4.6332

■ 90.0540, 15.2564,
53.4496

■ 90.0540, 15.2564,
53.4496

■ 80.6790, 17.4133,
61.6715

■ 99.4290, 13.0995,
45.2278

■ 71.4180, 20.0069,
69.7934

■ 108.6900, 10.5058,
37.1059

■ 62.0430, 22.1638,
78.0153

■ 118.0650, 8.3490,
28.8840

■ 57.1190, 23.6053,
82.3336

■ 127.3260, 5.7553,
20.7621

■ 137.2880, 3.3090,
12.0254

■ 146.6630, 1.1521,
3.8035

■ 155.9240, -1.4415,
-4.3183

■ 165.2990, -3.5984,
-12.5402

■ 174.6740, -5.7553,
-20.7621

Harmonies

Analogous

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



93.5250, 30.8002, 14.4486



90.0540, 15.2564, 53.4496



85.3430, -3.1271, 69.8592

Triad

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



90.0540, 15.2564, 53.4496



84.4800, -41.6486, 11.8570



80.3990, 31.3553, -70.5099

Complementary

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



90.0540, 15.2564, 53.4496



113.9460, -15.2564, -53.4496

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.



76.4260, 13.5940, -67.0256



90.0540, 15.2564, 53.4496



77.6480, -29.8995, -23.3703

Square

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



90.0540, 15.2564, 53.4496



86.1400, -42.4670, 41.0962



70.3500, -4.6095, -61.6969



80.4280, 44.1590, -70.5354

Rectangle

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



90.0540, 15.2564, 53.4496



85.4770, -16.5042, 67.1107



70.3500, -4.6095, -61.6969



79.6180, 25.8243, -69.8250

Sweetspot

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



90.0540, 15.2564, 53.4496



173.0270, 5.9027, 20.1473



72.8430, 38.5314, 8.0307



85.2880, 3.3090, 12.0254



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.



90.0540, 15.2564, 53.4496



100.8310, 23.7473, 83.4632



84.5820, -5.7099, 58.2486



71.9620, 1.0047, 4.4183



52.9180, 21.7324, 76.3709



4.9130, 2.0149, 7.0923

Inverse Universe

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



90.0540, 15.2564, 53.4496



100.8310, 23.7473, 83.4632



119.4180, 5.7099, -58.2486



71.9620, 1.0047, 4.4183



52.9180, 21.7324, 76.3709



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 90.0540, 15.2564, 53.4496 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 90.0540, 15.2564, 53.4496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

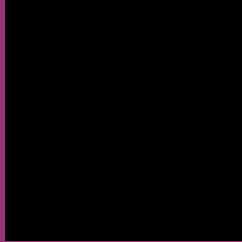
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0540, 15.2564, 53.4496

Background



This preview shows how black text looks on a background with the YUV color 90.0540, 15.2564, 53.4496.



This preview shows how white text looks on a background with the YUV color 90.0540, 15.2564,

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

90.0540, 15.2564, 53.4496

Protanopia

90.2620, 29.4508, -19.5238

Deuteranopia

92.5510, 11.0674, -3.1142



Tritanopia

90.4900, -9.6086, 48.6823

Trichromacy



Original Color

90.0540, 15.2564, 53.4496

Protanomaly

90.3470, 23.9859, 6.7117

Deuteranomaly

92.0250, 12.3127, 17.5181

Tritanomaly

90.2050, -0.5941, 50.6862

Monochromacy



Original Color

90.0540, 15.2564, 53.4496

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2010, 5.3239, 19.1177

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0540, 15.2564, 53.4496 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(151, 53, 121)` looks like.

```
.text, #text, p{  
    color:rgb(151, 53, 121)  
}
```

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(151, 53, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 53, 121) }
```

Border

The CSS property to change the border of an element to YUV 90.0540, 15.2564, 53.4496 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(151, 53, 121) }
```


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

```
.border{ border-color:rgb(151, 53, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 53, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 53, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 53, 121);  
box-shadow:4px 4px 4px 4px rgb(151, 53,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 90.0540, 15.2564, 53.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 53, 121) }
```

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

```
.background{ background-color: rgb(151, 53,  
121) }
```

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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