

Converting Colors

YUV(90.7590, 36.1078, 38.7994)

Have a look what the booklet for
YUV(90.7590, 36.1078, 38.7994)
contains.

YUV(90.7590, 36.1078, 38.7994)	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(90.7590, 36.1078,
38.7994)**

Conversions

Conversions Part 1

Format	Color
Hex	8736A4
RGB	135, 54, 164
RGB Percent	53%, 21%, 64%
CMY	0.4706, 0.7882, 0.3569
CMYK	0.18, 0.67, 0.00, 0.36
HSL	284°, 50%, 43%
HSV	284°, 67%, 64%
XYZ	18.0117, 10.4696, 36.1935
YIQ	90.7590, 12.9660, 51.3820

Conversions

Conversions Part 2

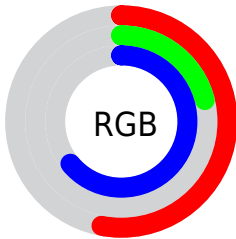
Format	Color
R _{YB}	135, 54, 164
Decimal	8861348
CIE Lab	38.67, 51.54, -44.28
CIE LCh	39, 67.948, 319.331
Yxy	10.4696, 0.2785, 0.1619
Android (android.graphics.Color)	4287051428 (0xFF8736A4)
YUV	90.7590, 36.1078, 38.7994
Hunter-Lab	32.3567, 42.7395, -43.6707

Details

The YUV color **90.7590, 36.1078, 38.7994** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **127.2410, -36.1078, -38.7994**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.9980, 36.9760, 40.3438**, and **36.8730, 36.5446, 38.6994** is the 20% darker color. If you saturate the color by 10%, you get **80.1710, 41.3277, 44.5770**, and if you desaturate by 10%, it is **101.3470, 30.8879, 33.0217**.

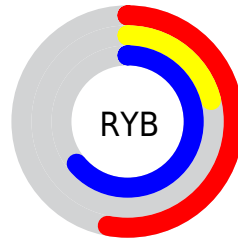
Distribution



Red (53%)

Green (21%)

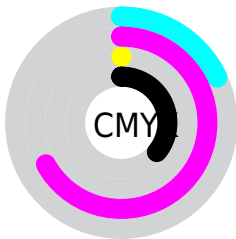
Blue (64%)



Red (53%)

Yellow (21%)

Blue (64%)

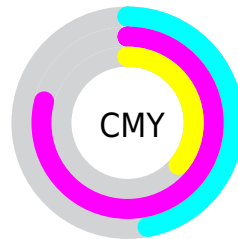


Cyan (18%)

Magenta (67%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (79%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.7590, 36.1078, 38.7994 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 90.7590, 36.1078, 38.7994 by changing the saturation by 10% instead.

90.7590, 36.1078,
38.7994

90.7590, 36.1078,
38.7994

255.0000, 0.0000,
0.0000

63.1720, 36.3972,
39.3142

144.9980, 36.9760,
40.3438

36.8730, 36.5446,
38.6994

172.1230, 37.4074,
41.9881

26.2490, 29.4572,
25.2146

198.0280, 28.0872,
44.7024

16.7500, 22.8012,
13.3742

216.2580, 19.0998,
33.9767

5.0330, 16.7457,
-4.4139

232.6940, 10.9969,
19.5624

2.5250, 7.1362,
-2.2144

249.7170, 2.6045,

0.0000, 0.0000,

4.6332

0.0000

■ 90.7590, 36.1078,
38.7994

■ 90.7590, 36.1078,
38.7994

■ 80.1710, 41.3277,
44.5770

■ 101.3470, 30.8879,
33.0217

■ 68.6970, 46.9844,
50.2547

■ 112.8210, 25.2312,
27.3440

■ 58.1090, 52.2043,
56.0324

■ 123.4090, 20.0114,
21.5663

■ 54.8750, 53.7986,
57.9916

■ 134.5840, 14.5021,
15.2738

■ 145.4710, 9.1348,
10.1109

■ 156.0590, 3.9149,
4.3333

■ 167.2340, -1.5944,
-1.9592

■ 178.1210, -6.9617,
-7.1221

■ 189.2960,
-12.4709, -13.4146

Harmonies

Analogous

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



72.9400, 61.1616, -63.9684



90.7590, 36.1078, 38.7994



65.8050, 23.2671, 97.5180

Triad

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



90.7590, 36.1078, 38.7994



86.4060, -42.5982, 36.4779



81.2820, 22.0460, -71.2843

Complementary

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



90.7590, 36.1078, 38.7994



127.2410, -36.1078, -38.7994

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.



74.1970, -2.5621, -65.0708



90.7590, 36.1078, 38.7994



81.4350, -40.1475, -3.0125

Square

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



90.7590, 36.1078, 38.7994



80.4460, -39.6599, 74.1539



63.3960, -31.2542, -55.5983



85.6940, 44.0279, -75.1536

Rectangle

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



90.7590, 36.1078, 38.7994



64.0930, 6.3632, 106.0354



63.3960, -31.2542, -55.5983



79.2300, 14.1836, -69.4847

Sweetspot

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



90.7590, 36.1078, 38.7994



185.4700, 14.0653, 15.3738



83.5630, 39.6554, -25.9268



89.6450, 8.5560, 9.0813



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



90.7590, 36.1078, 38.7994



100.1680, 56.1192, 60.3657



96.4660, 20.4763, 59.2273



75.8200, 3.0467, 2.7889



48.5230, 47.5632, 51.2843



5.9390, 5.9461, 6.1925

Inverse Universe

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



90.1960, -3.5476, 64.7261



99.2590, -5.5507, 100.6279



121.5340, -20.4763, -59.2273



76.0330, -0.0163, 5.2331



47.6870, -4.7757, 85.3435



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 90.7590, 36.1078, 38.7994 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 90.7590, 36.1078, 38.7994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

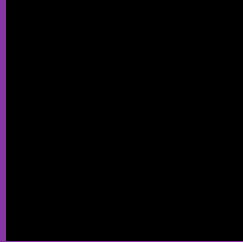
Any Text WCAG AA × Fail

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 90.7590, 36.1078, 38.7994 Background



This preview shows how black text looks on a background with the YUV color 90.7590, 36.1078, 38.7994.



This preview shows how white text looks on a background with the YUV color 90.7590, 36.1078,

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

90.7590, 36.1078, 38.7994

Protanopia

73.0880, 56.6516, -64.0982

Deuteranopia

85.3460, 35.3254, -37.1374



Tritanopia

92.8400, -3.8651, 26.4503

Trichromacy



Original Color

90.7590, 36.1078, 38.7994

Protanomaly

79.6690, 48.9702, -26.8967

Deuteranomaly

87.3370, 35.8229, -9.9425

Tritanomaly

92.0590, 10.8169, 30.6433

Monochromacy



Original Color

90.7590, 36.1078, 38.7994

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2310, 13.1971, 13.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7590, 36.1078, 38.7994 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(135, 54, 164)` looks like.

```
.text, #text, p{  
    color:rgb(135, 54, 164)  
}
```

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(135, 54, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 54, 164) }
```

Border

The CSS property to change the border of an element to YUV 90.7590, 36.1078, 38.7994 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(135, 54, 164) }
```


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

```
.border{ border-color:rgb(135, 54, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 54, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 54, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 54, 164);  
box-shadow:4px 4px 4px 4px rgb(135, 54,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 90.7590, 36.1078, 38.7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 54, 164) }
```

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

```
.background{ background-color: rgb(135, 54,  
164) }
```

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