

Converting Colors

YUV(91.4760, 28.3593, 3.9675)

Have a look what the booklet for
YUV(91.4760, 28.3593, 3.9675)
contains.

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Color

**YUV(91.4760, 28.3593,
3.9675)**

Conversions

Conversions Part 1

Format	Color
Hex	604E95
RGB	96, 78, 149
RGB Percent	38%, 31%, 58%
CMY	0.6235, 0.6941, 0.4157
CMYK	0.36, 0.48, 0.00, 0.42
HSL	255°, 31%, 45%
HSV	255°, 48%, 58%
XYZ	12.9731, 10.1055, 29.7006
YIQ	91.4760, -12.0630, 25.8970

Conversions

Conversions Part 2

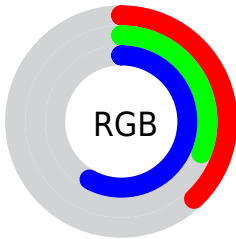
Format	Color
R_{YB}	96, 78, 149
Decimal	6311573
CIE _{Lab}	38.03, 24.54, -36.55
CIE _{LCh}	38, 44.027, 303.882
Yxy	10.1055, 0.2458, 0.1915
Android (android.graphics.Color)	4284501653 (0xFF604E95)
YUV	91.4760, 28.3593, 3.9675
Hunter-Lab	31.7892, 17.2144, -33.1422

Details

The YUV color **91.4760, 28.3593, 3.9675** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.5240, -28.3593, -3.9675**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3560, 30.3905, 5.8268**, and **43.9980, 26.6230, 0.8788** is the 20% darker color. If you saturate the color by 10%, you get **79.3820, 34.3217, 4.9270**, and if you desaturate by 10%, it is **103.5700, 22.3970, 3.0081**.

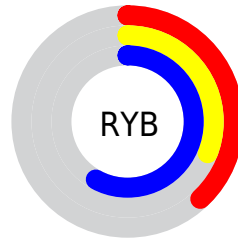
Distribution



Red (38%)

Green (31%)

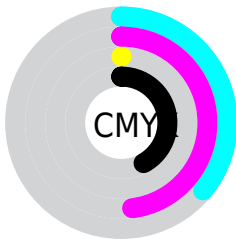
Blue (58%)



Red (38%)

Yellow (31%)

Blue (58%)

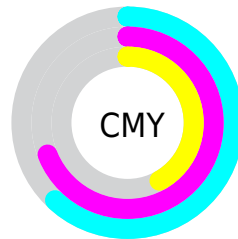


Cyan (36%)

Magenta (48%)

Yellow (0%)

Black (42%)



Cyan (62%)

Magenta (69%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.4760, 28.3593, 3.9675 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 91.4760, 28.3593, 3.9675 by changing the saturation by 10% instead.

91.4760, 28.3593,
3.9675

91.4760, 28.3593,
3.9675

255.0000, 0.0000,
0.0000

67.2370, 27.4912,
2.4232

142.3560, 30.3905,
5.8268

43.9980, 26.6230,
0.8788

168.8830, 31.1167,
6.2416

21.3350, 25.4708,
-2.9248

195.7260, 29.2221,
7.2563

5.7000, 21.8399,
-4.9989

220.8330, 16.8443,
10.6705

4.3660, 11.6516,
-3.8290

243.8470, 5.4984,
9.7812

0.0000, 0.0000,
0.0000

■ 91.4760, 28.3593,
3.9675

■ 91.4760, 28.3593,
3.9675

■ 79.3820, 34.3217,
4.9270

■ 103.5700, 22.3970,
3.0081

■ 67.2880, 40.2840,
5.8864

■ 115.6640, 16.4346,
2.0487

■ 55.1940, 46.2464,
6.8459

■ 127.7580, 10.4723,
1.0892

■ 43.1000, 52.2087,
7.8053

■ 139.8520, 4.5100,
0.1298

■ 31.2940, 58.0291,
7.6352

■ 152.2450, -1.5998,
-0.2149

■ 28.3480, 59.4814,
8.4648

■ 163.7520, -7.2727,
-0.6595

■ 175.8460,
-13.2351, -1.6189

■ 187.9400,

-19.1974, -2.5784

 200.0340,
-25.1598, -3.5378

Harmonies

Analogous

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



72.3580, 43.7005, -63.4580



91.4760, 28.3593, 3.9675



90.9660, 15.2998, 39.4948

Triad

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



91.4760, 28.3593, 3.9675



86.7020, -31.4051, 39.7263



72.8240, 9.9468, -63.8666

Complementary

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



91.4760, 28.3593, 3.9675



135.5240, -28.3593, -3.9675

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.



67.4320, -5.6360, -59.1379



91.4760, 28.3593, 3.9675



83.7240, -38.3179, 16.9051

Square

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



91.4760, 28.3593, 3.9675



86.5850, -17.0504, 55.6150



80.5830, -27.8954, -12.7893



76.8140, 25.2347, -67.3659

Rectangle

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



91.4760, 28.3593, 3.9675



88.3070, 4.7786, 54.1048



80.5830, -27.8954, -12.7893



71.4560, 4.7052, -62.6669

Sweetspot

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



91.4760, 28.3593, 3.9675



172.1710, 10.7617, 1.6040



117.2050, 15.6749, -34.3828



83.4330, 6.6885, 1.3743



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



91.4760, 28.3593, 3.9675



104.0260, 44.3572, 6.1162



101.9410, 23.2001, 25.4847



68.0970, 2.9102, -0.0851



26.1970, 55.1189, 7.7202



2.0370, 3.9258, 0.8446

Inverse Universe

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



105.2710, 12.6844, 38.3503



125.6510, 19.8921, 59.9421



125.0590, -23.2001, -25.4847



69.6630, 1.1521, 3.8035



53.0040, 24.6480, 74.5415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 91.4760, 28.3593, 3.9675 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 91.4760, 28.3593, 3.9675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

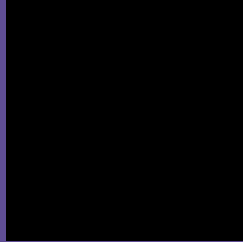
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.4760, 28.3593, 3.9675

Background



This preview shows how black text looks on a background with the YUV color 91.4760, 28.3593, 3.9675.



This preview shows how white text looks on a background with the YUV color 91.4760, 28.3593,

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

91.4760, 28.3593, 3.9675

Protanopia

86.1240, 35.4349, -25.5417

Deuteranopia

85.6200, 29.7673, -27.7307



Tritanopia

89.3030, 3.7946, -3.7737

Trichromacy



Original Color

91.4760, 28.3593, 3.9675

Protanomaly

88.2070, 32.9289, -15.0905

Deuteranomaly

87.8710, 29.1506, -16.5499

Tritanomaly

90.3170, 12.6617, -1.1550

Monochromacy



Original Color

91.4760, 28.3593, 3.9675

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0570, 10.3249, 1.7040

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4760, 28.3593, 3.9675 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(96, 78, 149)` looks like.

```
.text, #text, p{  
    color:rgb(96, 78, 149)  
}
```

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(96, 78, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 78, 149) }
```

Border

The CSS property to change the border of an element to YUV 91.4760, 28.3593, 3.9675 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(96, 78, 149) }
```


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

```
.border{ border-color:rgb(96, 78, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 78, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 78, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 78, 149);  
box-shadow:4px 4px 4px 4px rgb(96, 78,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 91.4760, 28.3593, 3.9675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 78, 149) }
```

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

```
.background{ background-color: rgb(96, 78,  
149) }
```

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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