

Converting Colors

YUV(79.7580, 13.9233, 14.2442)

Have a look what the booklet for
YUV(79.7580, 13.9233, 14.2442)
contains.

YUV(79.7580, 13.9233, 14.2442)	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(79.7580, 13.9233,
14.2442)**

Conversions

Conversions Part 1

Format	Color
Hex	60426C
RGB	96, 66, 108
RGB Percent	38%, 26%, 42%
CMY	0.6235, 0.7412, 0.5765
CMYK	0.11, 0.39, 0.00, 0.58
HSL	283°, 24%, 34%
HSV	283°, 39%, 42%
XYZ	9.4789, 7.4659, 15.1288
YIQ	79.7580, 4.3980, 19.4220

Conversions

Conversions Part 2

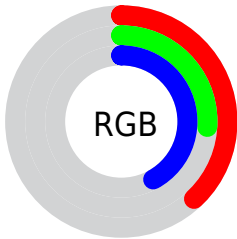
Format	Color
R_{YB}	96, 66, 108
Decimal	6308460
CIE _{Lab}	32.84, 21.33, -19.37
CIE _{LCh}	33, 28.815, 317.753
Yxy	7.4659, 0.2955, 0.2328
Android (android.graphics.Color)	4284498540 (0xFF60426C)
YUV	79.7580, 13.9233, 14.2442
Hunter-Lab	27.3239, 14.1063, -13.7013

Details

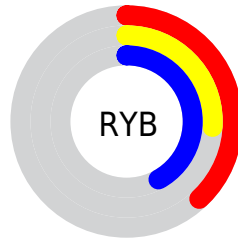
The YUV color **79.7580, 13.9233, 14.2442** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.2420, -13.9233, -14.2442**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.6980, 14.9389, 15.1739**, and **34.1060, 12.7657, 12.1850** is the 20% darker color. If you saturate the color by 10%, you get **72.4040, 17.5488, 18.0627**, and if you desaturate by 10%, it is **87.1120, 10.2978, 10.4258**.

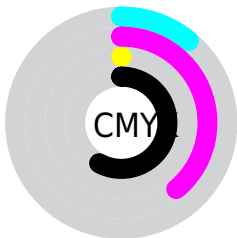
Distribution



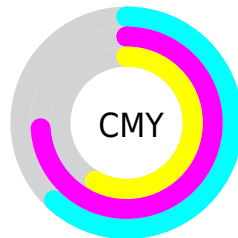
- Red (38%)
- Green (26%)
- Blue (42%)



- Red (38%)
- Yellow (26%)
- Blue (42%)



- Cyan (11%)
- Magenta (39%)
- Yellow (0%)
- Black (58%)



- Cyan (62%)
- Magenta (74%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.7580, 13.9233, 14.2442 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 79.7580, 13.9233, 14.2442 by changing the saturation by 10% instead.

79.7580, 13.9233,
14.2442

79.7580, 13.9233,
14.2442

255.0000, 0.0000,
0.0000

56.3450, 13.6339,
13.7294

129.6980, 14.9389,
15.1739

34.1060, 12.7657,
12.1850

155.5240, 15.5177,
16.2035

13.1170, 12.7603,
13.9294

182.8230, 15.3703,
16.8182

2.4110, 6.6994,
-2.1144

210.3500, 16.0965,
17.2331

0.0000, 0.0000,
0.0000

235.6290, 9.5499,
16.9884

252.6520, 1.1576,

2.0592

■ 79.7580, 13.9233,
14.2442

■ 79.7580, 13.9233,
14.2442

■ 72.4040, 17.5488,
18.0627

■ 87.1120, 10.2978,
10.4258

■ 65.0500, 21.1744,
21.8812

■ 94.4660, 6.6723,
6.6073

■ 58.2830, 24.5105,
25.1848

■ 101.2330, 3.3361,
3.3037

■ 50.9290, 28.1360,
29.0033

■ 108.5870, -0.2894,
-0.5148

■ 43.5750, 31.7615,
32.8217

■ 115.9410, -3.9149,
-4.3333

■ 35.9220, 35.5345,
36.0254

■ 123.5940, -7.6878,
-7.5369

■ 35.3350, 35.8238,
36.5402

■ 130.9480,
-11.3134, -11.3554

■ 137.7150,
-14.6495, -14.6591

■ 145.0690,
-18.2750, -18.4775

Harmonies

Analogous

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



76.9550, 21.7142, -11.3615



79.7580, 13.9233, 14.2442



79.0500, 4.4124, 31.5282

Triad

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



79.7580, 13.9233, 14.2442



76.1000, -21.7413, 20.0833



62.5030, 13.5560, -54.8151

Complementary

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



79.7580, 13.9233, 14.2442



94.2420, -13.9233, -14.2442

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.



61.6860, 2.6198, -47.0826



79.7580, 13.9233, 14.2442



73.6310, -20.5241, 2.9546

Square

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



79.7580, 13.9233, 14.2442



76.6700, -16.1063, 32.7384



70.3880, -12.0233, -17.0033



63.6090, 22.8708, -55.7851

Rectangle

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



79.7580, 13.9233, 14.2442



78.1340, -3.0241, 36.7165



70.3880, -12.0233, -17.0033



61.7050, 10.4984, -54.1153

Sweetspot

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



79.7580, 13.9233, 14.2442



128.5260, 5.6567, 5.6777



78.4190, 14.5834, -10.8915



64.5320, 3.1887, 3.9184



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



79.7580, 13.9233, 14.2442



95.5770, 21.9005, 22.2960



82.4340, 8.6600, 22.4214



49.8800, 2.0312, 1.8592



38.4540, 38.7232, 39.9438



80.2550, 81.2193, 83.0914

Inverse Universe

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



79.9260, -0.9495, 24.6209



95.9000, -1.4297, 38.6757



91.5660, -8.6600, -22.4214



50.0220, -0.0108, 3.4887



38.8590, -2.3955, 68.5297



81.2350, -5.5389, 143.6219

Previews

White Background



This preview shows how the YUV color 79.7580, 13.9233, 14.2442 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 ✓ Pass

Black Background



This preview shows how the YUV color 79.7580, 13.9233, 14.2442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

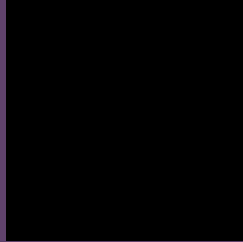
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.7580, 13.9233, 14.2442

Background



This preview shows how black text looks on a background with the YUV color 79.7580, 13.9233, 14.2442.



This preview shows how white text looks on a background with the YUV color 79.7580, 13.9233,

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

79.7580, 13.9233, 14.2442

Protanopia

76.9720, 19.2408, -11.3764

Deuteranopia

77.9140, 13.8464, -7.8176



Tritanopia

78.6640, -0.3274, 11.6957

Trichromacy



Original Color

79.7580, 13.9233, 14.2442

Protanomaly

77.8700, 17.3191, -1.6400

Deuteranomaly

78.6700, 13.9667, 0.2894

Tritanomaly

79.0430, 4.9088, 12.2403

Monochromacy



Original Color

79.7580, 13.9233, 14.2442

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9990, 4.9305, 5.2629

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7580, 13.9233, 14.2442 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, 66, 108)` looks like.

```
.text, #text, p{  
    color:rgb(96, 66, 108)  
}
```

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, 66, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 66, 108) }
```

Border

The CSS property to change the border of an element to YUV 79.7580, 13.9233, 14.2442 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, 66, 108) }
```


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

```
.border{ border-color:rgb(96, 66, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 66, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 66, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 66, 108);  
box-shadow:4px 4px 4px 4px rgb(96, 66,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 79.7580, 13.9233, 14.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 66, 108) }
```

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

```
.background{ background-color: rgb(96, 66,  
108) }
```

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