

Converting Colors

YUV(94.6670, 25.3072, 2.9230)

Have a look what the booklet for
YUV(94.6670, 25.3072, 2.9230)
contains.

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Color

**YUV(94.6670, 25.3072,
2.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	625392
RGB	98, 83, 146
RGB Percent	38%, 33%, 57%
CMY	0.6157, 0.6745, 0.4275
CMYK	0.33, 0.43, 0.00, 0.43
HSL	254°, 28%, 45%
HSV	254°, 43%, 57%
XYZ	13.3186, 10.8585, 28.5881
YIQ	94.6670, -11.2830, 22.7730

Conversions

Conversions Part 2

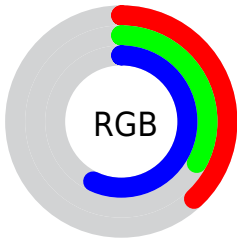
Format	Color
R_{YB}	98, 83, 146
Decimal	6443922
CIE _{Lab}	39.34, 21.16, -32.65
CIE _{LCh}	39, 38.910, 302.950
Yxy	10.8585, 0.2524, 0.2058
Android (android.graphics.Color)	4284634002 (0xFF625392)
YUV	94.6670, 25.3072, 2.9230
Hunter-Lab	32.9522, 14.4793, -28.3711

Details

The YUV color **94.6670, 25.3072, 2.9230** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **134.3330, -25.3072, -2.9230**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0200, 26.6121, 4.3675**, and **47.4880, 23.4234, 0.4490** is the 20% darker color. If you saturate the color by 10%, you get **82.5730, 31.2695, 3.8825**, and if you desaturate by 10%, it is **106.7610, 19.3448, 1.9636**.

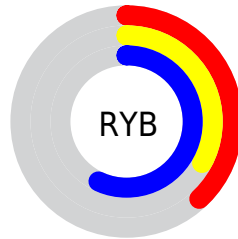
Distribution



Red (38%)

Green (33%)

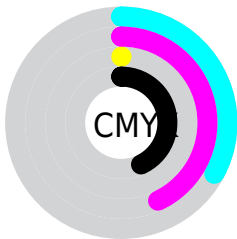
Blue (57%)



Red (38%)

Yellow (33%)

Blue (57%)

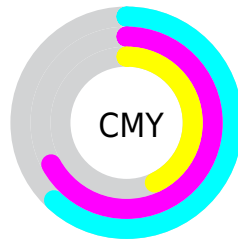


Cyan (33%)

Magenta (43%)

Yellow (0%)

Black (43%)



Cyan (62%)

Magenta (67%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.6670, 25.3072, 2.9230 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 94.6670, 25.3072, 2.9230 by changing the saturation by 10% instead.

■ 94.6670, 25.3072,
2.9230

■ 94.6670, 25.3072,
2.9230

■ 255.0000, 0.0000,
0.0000

■ 70.7270, 24.2916,
1.9934

■ 146.0200, 26.6121,
4.3675

■ 47.4880, 23.4234,
0.4490

■ 172.6610, 27.7751,
4.6823

■ 24.9500, 22.7027,
-1.7101

■ 199.8460, 27.1909,
5.3971

■ 6.0700, 20.6715,
-3.5694

■ 224.6540, 14.9606,
8.1964

■ 3.5510, 11.0674,
-3.1142

■ 247.3690, 3.7621,
6.6924

■ 0.0000, 0.0000,
0.0000

■ 94.6670, 25.3072,
2.9230

■ 94.6670, 25.3072,
2.9230

■ 82.5730, 31.2695,
3.8825

■ 106.7610, 19.3448,
1.9636

■ 71.0660, 36.9425,
4.3271

■ 118.2680, 13.6719,
1.5190

■ 58.9720, 42.9048,
5.2866

■ 130.3620, 7.7095,
0.5595

■ 47.4650, 48.5778,
5.7312

■ 141.8690, 2.0366,
0.1149

■ 35.0720, 54.6875,
6.0759

■ 154.2620, -4.0732,
-0.2298

■ 27.1090, 58.6133,
6.9204

■ 166.3560,
-10.0355, -1.1892

■ 177.8630,
-15.7085, -1.6339

■ 189.9570,

-21.6708, -2.5933

 201.4640,
-27.3438, -3.0379

Harmonies

Analogous

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



81.9210, 36.5209, -47.2887



94.6670, 25.3072, 2.9230



95.0640, 13.2794, 34.1469

Triad

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



94.6670, 25.3072, 2.9230



90.5320, -26.8843, 36.3674



74.2260, 10.2416, -65.0962

Complementary

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



94.6670, 25.3072, 2.9230



134.3330, -25.3072, -2.9230

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.



77.1780, -6.9898, -44.8831



94.6670, 25.3072, 2.9230



88.8470, -31.4766, 15.9202

Square

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



94.6670, 25.3072, 2.9230



91.5950, -15.5763, 49.4672



85.5170, -24.4119, -10.1004



77.1730, 24.0717, -67.6807

Rectangle

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



94.6670, 25.3072, 2.9230



93.4370, 4.2216, 46.0978



85.5170, -24.4119, -10.1004



72.9720, 5.4368, -63.9964

Sweetspot

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



94.6670, 25.3072, 2.9230



168.6440, 10.0355, 1.1892



118.3580, 13.6275, -31.0090



81.9060, 5.9623, 0.9594



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.



94.6670, 25.3072, 2.9230



109.0490, 39.4158, 4.3420



103.9360, 20.7376, 21.9811



68.0970, 2.9102, -0.0851



25.5990, 55.4137, 6.4907



1.7380, 4.0732, 0.2298

Inverse Universe

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



107.3090, 11.6797, 33.9320



128.7380, 17.8772, 52.8498



125.0640, -20.7376, -21.9811



69.6630, 1.1521, 3.8035



53.2320, 25.5216, 74.3415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 94.6670, 25.3072, 2.9230 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 94.6670, 25.3072, 2.9230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

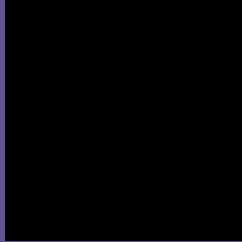
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.6670, 25.3072, 2.9230

Background



This preview shows how black text looks on a background with the YUV color 94.6670, 25.3072, 2.9230.



This preview shows how white text looks on a background with the YUV color 94.6670, 25.3072,

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

94.6670, 25.3072, 2.9230

Protanopia

91.1910, 30.4718, -20.3385

Deuteranopia

90.7410, 26.2567, -21.6979



Tritanopia

92.6020, 3.6472, -3.1590

Trichromacy



Original Color

94.6670, 25.3072, 2.9230

Protanomaly

92.3770, 28.4081, -11.7316

Deuteranomaly

92.0950, 26.0822, -12.3613

Tritanomaly

93.0890, 11.7881, -0.9551

Monochromacy



Original Color

94.6670, 25.3072, 2.9230

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1170, 9.3093, 0.7744

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.6670, 25.3072, 2.9230 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(98, 83, 146)` looks like.

```
.text, #text, p{  
    color:rgb(98, 83, 146)  
}
```

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(98, 83, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 83, 146) }
```

Border

The CSS property to change the border of an element to YUV 94.6670, 25.3072, 2.9230 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(98, 83, 146) }
```


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

```
.border{ border-color:rgb(98, 83, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 83, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 83, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 83, 146);  
box-shadow:4px 4px 4px 4px rgb(98, 83,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 94.6670, 25.3072, 2.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 83, 146) }
```

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

```
.background{ background-color: rgb(98, 83,  
146) }
```

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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