

Converting Colors

YUV(94.0720, 34.4745, 2.5679)

Have a look what the booklet for
YUV(94.0720, 34.4745, 2.5679)
contains.

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Color

**YUV(94.0720, 34.4745,
2.5679)**

Conversions

Conversions Part 1

Format	Color
Hex	614FA4
RGB	97, 79, 164
RGB Percent	38%, 31%, 64%
CMY	0.6196, 0.6902, 0.3569
CMYK	0.41, 0.52, 0.00, 0.36
HSL	253°, 35%, 48%
HSV	253°, 52%, 64%
XYZ	14.4266, 10.8137, 36.4488
YIQ	94.0720, -16.5570, 30.2510

Conversions

Conversions Part 2

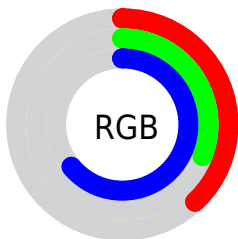
Format	Color
R_{YB}	97, 79, 164
Decimal	6377380
CIE _{Lab}	39.26, 28.50, -43.58
CIE _{LCh}	39, 52.077, 303.183
Yxy	10.8137, 0.2339, 0.1753
Android (android.graphics.Color)	4284567460 (0xFF614FA4)
YUV	94.0720, 34.4745, 2.5679
Hunter-Lab	32.8842, 20.7623, -42.6982

Details

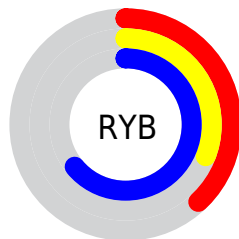
The YUV color **94.0720, 34.4745, 2.5679** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **148.9280, -34.4745, -2.5679**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9520, 36.5057, 4.4271**, and **45.4690, 32.3068, -2.1653** is the 20% darker color. If you saturate the color by 10%, you get **80.7930, 41.0211, 2.8125**, and if you desaturate by 10%, it is **107.3510, 27.9280, 2.3232**.

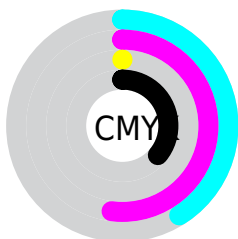
Distribution



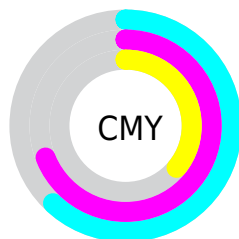
- Red (38%)
- Green (31%)
- Blue (64%)



- Red (38%)
- Yellow (31%)
- Blue (64%)



- Cyan (41%)
- Magenta (52%)
- Yellow (0%)
- Black (36%)



- Cyan (62%)
- Magenta (69%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.0720, 34.4745, 2.5679 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 94.0720, 34.4745, 2.5679 by changing the saturation by 10% instead.

■ 94.0720, 34.4745,
2.5679

■ 94.0720, 34.4745,
2.5679

■ 255.0000, 0.0000,
0.0000

■ 69.4200, 33.3169,
0.5087

■ 145.9520, 36.5057,
4.4271

■ 45.4690, 32.3068,
-2.1653

■ 172.7780, 37.0844,
5.4567

■ 20.5390, 32.7653,
-9.2427

■ 197.7970, 28.2011,
8.0710

■ 7.1820, 27.5183,
-6.2986

■ 222.3170, 16.1127,
12.0000

■ 6.3210, 16.6037,
-5.5435

■ 245.0210, 4.9196,
8.7516

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 94.0720, 34.4745,
2.5679

■ 94.0720, 34.4745,
2.5679

■ 80.7930, 41.0211,
2.8125

■ 107.3510, 27.9280,
2.3232

■ 66.9270, 47.8570,
3.5720

■ 121.2170, 21.0920,
1.5637

■ 53.6480, 54.4035,
3.8167

■ 134.4960, 14.5455,
1.3190

■ 39.7820, 61.2395,
4.5762

■ 148.3620, 7.7095,
0.5595

■ 29.1610, 66.4756,
5.1208

■ 161.6410, 1.1630,
0.3148

■ 174.9200, -5.3836,
0.0702

■ 188.4870,
-12.0721, -1.3041

■ 201.7660,
-18.6186, -1.5488

■ 215.6320,
-25.4546, -2.3083

Harmonies

Analogous

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



76.6440, 49.9685, -67.2168



94.0720, 34.4745, 2.5679



92.6340, 18.9144, 46.8020

Triad

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



94.0720, 34.4745, 2.5679



87.5690, -39.7205, 46.8590



76.6880, 9.5208, -67.2554

Complementary

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



94.0720, 34.4745, 2.5679



148.9280, -34.4745, -2.5679

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.



69.9110, -8.8301, -61.3119



94.0720, 34.4745, 2.5679



86.2960, -42.5439, 19.0344

Square

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



94.0720, 34.4745, 2.5679



87.1950, -18.8301, 66.4810



80.2810, -36.6205, -14.2784



80.8890, 28.1557, -70.9397

Rectangle

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



94.0720, 34.4745, 2.5679



88.4700, 7.6563, 64.4858



80.2810, -36.6205, -14.2784



74.3910, 3.2582, -65.2409

Sweetspot

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



94.0720, 34.4745, 2.5679



185.9690, 13.8193, 0.9042



128.6060, 17.4492, -43.5045



90.4760, 8.1463, 0.4595



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.



94.0720, 34.4745, 2.5679



104.8330, 53.8193, 4.5315



106.6300, 28.2834, 28.3885



74.6240, 3.6364, 0.3298



25.7990, 58.7661, 4.5613



3.2480, 7.2727, 0.6595

Inverse Universe

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



112.0530, 16.7359, 45.5575



132.7370, 26.2587, 71.2677



136.6690, -28.4308, -27.7737



76.4890, 1.7309, 4.8331



56.4650, 28.8578, 77.6452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 94.0720, 34.4745, 2.5679 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 94.0720, 34.4745, 2.5679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

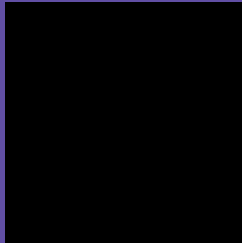
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.0720, 34.4745, 2.5679

Background



This preview shows how black text looks on a background with the YUV color 94.0720, 34.4745, 2.5679.



This preview shows how white text looks on a background with the YUV color 94.0720, 34.4745,

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

94.0720, 34.4745, 2.5679

Protanopia

86.5340, 43.6137, -35.5483

Deuteranopia

84.8940, 37.5203, -41.1260



Tritanopia

91.3240, 5.2633, -8.1771

Trichromacy



Original Color

94.0720, 34.4745, 2.5679

Protanomaly

89.4110, 40.2234, -21.4084

Deuteranomaly

88.3520, 36.3085, -25.7417

Tritanomaly

92.5060, 16.0195, -4.8288

Monochromacy



Original Color

94.0720, 34.4745, 2.5679

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2140, 12.2195, 0.6893

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.0720, 34.4745, 2.5679 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(97, 79, 164)` looks like.

```
.text, #text, p{  
    color:rgb(97, 79, 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(97, 79, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 79, 164) }
```

Border

The CSS property to change the border of an element to YUV 94.0720, 34.4745, 2.5679 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(97, 79, 164) }
```


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

```
.border{ border-color:rgb(97, 79, 164) }
```

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

Here you see how a box with a 4 pixel rgb(97, 79, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 79, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 79, 164);  
box-shadow:4px 4px 4px 4px rgb(97, 79,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 94.0720, 34.4745, 2.5679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 79, 164) }
```

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

```
.background{ background-color: rgb(97, 79,  
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](#).

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