

Converting Colors

YUV(94.8040, 20.8026, 1.0489)

Have a look what the booklet for
YUV(94.8040, 20.8026, 1.0489)
contains.

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Color

**YUV(94.8040, 20.8026,
1.0489)**

Conversions

Conversions Part 1

Format	Color
Hex	605689
RGB	96, 86, 137
RGB Percent	38%, 34%, 54%
CMY	0.6235, 0.6627, 0.4627
CMYK	0.30, 0.37, 0.00, 0.46
HSL	252°, 23%, 44%
HSV	252°, 37%, 54%
XYZ	12.6670, 10.9485, 25.1126
YIQ	94.8040, -10.4110, 17.9810

Conversions

Conversions Part 2

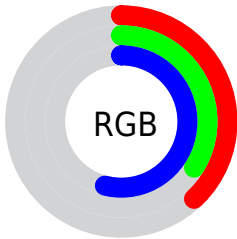
Format	Color
R_{YB}	96, 86, 137
Decimal	6313609
CIE _{Lab}	39.49, 16.20, -26.97
CIE _{LCh}	39, 31.464, 300.989
Yxy	10.9485, 0.2600, 0.2247
Android (android.graphics.Color)	4284503689 (0xFF605689)
YUV	94.8040, 20.8026, 1.0489
Hunter-Lab	33.0885, 10.4287, -21.8362

Details

The YUV color **94.8040, 20.8026, 1.0489** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.1960, -20.8026, -1.0489**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8580, 22.2550, 1.8785**, and **48.0380, 19.2083, -0.9103** is the 20% darker color. If you saturate the color by 10%, you get **83.2970, 26.4756, 1.4935**, and if you desaturate by 10%, it is **106.3110, 15.1297, 0.6043**.

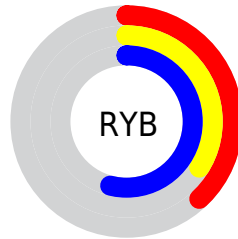
Distribution



Red (38%)

Green (34%)

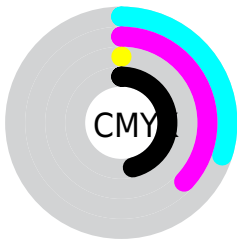
Blue (54%)



Red (38%)

Yellow (34%)

Blue (54%)

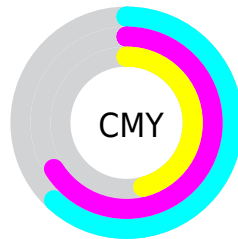


Cyan (30%)

Magenta (37%)

Yellow (0%)

Black (46%)



Cyan (62%)

Magenta (66%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8040, 20.8026, 1.0489 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 94.8040, 20.8026, 1.0489 by changing the saturation by 10% instead.

■ 94.8040, 20.8026,
1.0489

■ 94.8040, 20.8026,
1.0489

■ 255.0000, 0.0000,
0.0000

■ 70.8640, 19.7870,
0.1193

■ 145.8580, 22.2550,
1.8785

■ 48.0380, 19.2083,
-0.9103

■ 172.3850, 22.9812,
2.2934

■ 26.0980, 18.1927,
-1.8399

■ 199.7980, 23.2706,
2.8082

■ 5.2720, 17.6139,
-2.8695

■ 225.5180, 14.5346,
4.8077

■ 2.7530, 8.0098,
-2.4144

■ 249.1300, 2.8939,
5.1480

■ 0.0000, 0.0000,
0.0000

■ 94.8040, 20.8026,
1.0489

■ 94.8040, 20.8026,
1.0489

■ 83.2970, 26.4756,
1.4935

■ 106.3110, 15.1297,
0.6043

■ 72.3770, 31.8591,
1.4234

■ 117.2310, 9.7461,
0.6744

■ 60.8700, 37.5321,
1.8680

■ 128.7380, 4.0732,
0.2298

■ 49.3630, 43.2050,
2.3126

■ 140.2450, -1.5998,
-0.2149

■ 38.4430, 48.5886,
2.2425

■ 151.7520, -7.2727,
-0.6595

■ 26.9360, 54.2616,
2.6871


■ 162.6720,
-12.6563, -0.5893

■ 23.6910, 55.8613,
2.9020

■ 174.1790,
-18.3292, -1.0340

■ 185.6860,

-24.0022, -1.4786

 196.6060,
-29.3858, -1.4085

Harmonies

Analogous

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



87.1310, 28.0364, -32.5639



94.8040, 20.8026, 1.0489



96.0260, 10.8332, 25.4102

Triad

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



94.8040, 20.8026, 1.0489



92.5790, -21.4844, 31.0642



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.



94.8040, 20.8026, 1.0489



128.1960, -20.8026, -1.0489

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.



83.0380, -7.9067, -30.7283



94.8040, 20.8026, 1.0489



90.8560, -25.0720, 15.0353

Square

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



94.8040, 20.8026, 1.0489



93.0500, -12.3496, 41.1752



87.8040, -19.6234, -5.9671



75.7880, 21.3035, -66.4661

Rectangle

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



94.8040, 20.8026, 1.0489



94.8550, 3.5225, 36.9612



87.8040, -19.6234, -5.9671



74.7880, 4.5415, -56.8191

Sweetspot

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



94.8040, 20.8026, 1.0489



162.4760, 8.1463, 0.4595



116.4680, 10.1223, -26.7204



79.8520, 4.5100, 0.1298



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



94.8040, 20.8026, 1.0489



112.0180, 33.0221, 1.7382



102.2790, 17.1175, 16.4183



63.0970, 2.9102, -0.0851



22.9360, 54.2616, 2.6871



0.8690, 2.0366, 0.1149

Inverse Universe

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



105.9230, 10.3910, 27.2545



129.6290, 16.4519, 43.2984



120.7210, -17.1175, -16.4183



64.7770, 1.5889, 3.7036



51.9650, 27.1323, 71.0677



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 94.8040, 20.8026, 1.0489 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 94.8040, 20.8026, 1.0489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

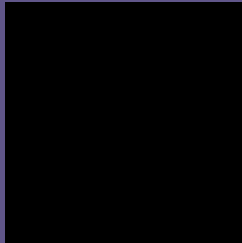
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.8040, 20.8026, 1.0489

Background



This preview shows how black text looks on a background with the YUV color 94.8040, 20.8026, 1.0489.

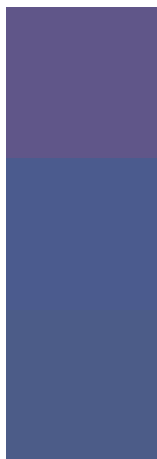


This preview shows how white text looks on a background with the YUV color 94.8040, 20.8026,

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

94.8040, 20.8026, 1.0489

Protanopia

92.0300, 24.6352, -14.9353

Deuteranopia

92.2320, 21.5776, -14.2355



Tritanopia

92.7160, 4.0840, -3.2589

Trichromacy



Original Color

94.8040, 20.8026, 1.0489

Protanomaly

93.0200, 23.1611, -8.7875

Deuteranomaly

93.1510, 21.1246, -8.9024

Tritanomaly

93.3340, 10.1883, -1.1699

Monochromacy



Original Color

94.8040, 20.8026, 1.0489

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8040, 20.8026, 1.0489 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, 86, 137)` looks like.

```
.text, #text, p{  
    color:rgb(96, 86, 137)  
}
```

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, 86, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 86, 137) }
```

Border

The CSS property to change the border of an element to YUV 94.8040, 20.8026, 1.0489 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, 86, 137) }
```


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

```
.border{ border-color:rgb(96, 86, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 86, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 86, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 86, 137);  
box-shadow:4px 4px 4px 4px rgb(96, 86,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 94.8040, 20.8026, 1.0489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 86, 137) }
```

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

```
.background{ background-color: rgb(96, 86,  
137) }
```

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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