

Converting Colors

YUV(94.5940, 12.5252, -4.0289)

Have a look what the booklet for
YUV(94.5940, 12.5252, -4.0289)
contains.

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Color

**YUV(94.5940, 12.5252,
-4.0289)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5C78
RGB	90, 92, 120
RGB Percent	35%, 36%, 47%
CMY	0.6471, 0.6392, 0.5294
CMYK	0.25, 0.23, 0.00, 0.53
HSL	236°, 14%, 41%
HSV	236°, 25%, 47%
XYZ	11.4338, 11.1840, 19.3254
YIQ	94.5940, -10.1800, 8.2840

Conversions

Conversions Part 2

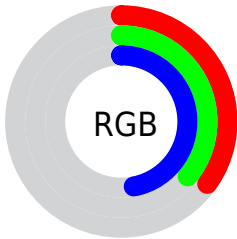
Format	Color
R_{YB}	90, 92, 120
Decimal	5921912
CIE _{Lab}	39.89, 5.92, -16.04
CIE _{LCh}	40, 17.096, 290.275
Yxy	11.1840, 0.2726, 0.2666
Android (android.graphics.Color)	4284111992 (0xFF5A5C78)
YUV	94.5940, 12.5252, -4.0289
Hunter-Lab	33.4425, 2.5035, -10.8521

Details

The YUV color **94.5940, 12.5252, -4.0289** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **115.4060, -12.5252, 4.0289**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1210, 13.2513, -3.6141**, and **47.9530, 11.3622, -4.3438** is the 20% darker color. If you saturate the color by 10%, you get **84.5490, 17.4773, -5.7435**, and if you desaturate by 10%, it is **104.6390, 7.5730, -2.3144**.

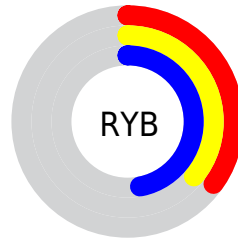
Distribution



 Red (35%)

 Green (36%)

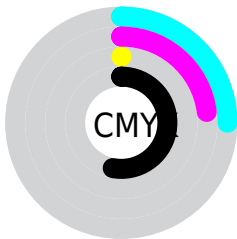
 Blue (47%)



 Red (35%)

 Yellow (36%)

 Blue (47%)

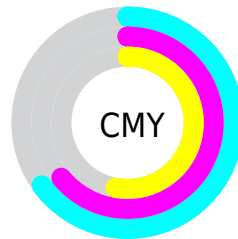


 Cyan (25%)

 Magenta (23%)

 Yellow (0%)

 Black (53%)



 Cyan (65%)

 Magenta (64%)

 Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.5940, 12.5252, -4.0289 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 94.5940, 12.5252, -4.0289 by changing the saturation by 10% instead.

■ 94.5940, 12.5252,
-4.0289

■ 94.5940, 12.5252,
-4.0289

■ 255.0000, 0.0000,
0.0000

■ 71.0670, 11.7990,
-4.4438

■ 145.1210, 13.2513,
-3.6141

■ 47.9530, 11.3622,
-4.3438

■ 171.9360, 13.8356,
-4.3289

■ 27.1270, 10.7834,
-5.3734

■ 199.0500, 14.2724,
-4.4288

■ 3.1920, 12.2303,
-2.7994

■ 227.2350, 13.6881,
-3.7141

■ 0.0000, 0.0000,
0.0000

■ 252.0430, 1.4578,
-0.9147

■ 94.5940, 12.5252,
-4.0289

■ 94.5940, 12.5252,
-4.0289

■ 84.5490, 17.4773,
-5.7435

■ 104.6390, 7.5730,
-2.3144

■ 74.5040, 22.4295,
-7.4580

■ 114.6840, 2.6208,
-0.5999

■ 63.8720, 27.6711,
-8.6577

■ 125.3160, -2.6208,
0.5999

■ 53.8270, 32.6233,
-10.3723

■ 135.3610, -7.5730,
2.3144

■ 43.7820, 37.5755,
-12.0868

■ 145.4060,
-12.5252, 4.0289

■ 33.7370, 42.5277,
-13.8013

■ 155.4510,
-17.4773, 5.7435

■ 23.6920, 47.4798,
-15.5159

■ 165.4960,
-22.4295, 7.4580

■ 18.3760, 50.1006,

■ 176.1280,

-16.1158

-27.6711, 8.6577

■ 186.1730,
-32.6233, 10.3723

Harmonies

Analogous

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



91.6630, 14.4631, -18.9985



94.5940, 12.5252, -4.0289



95.8300, 7.9718, 9.7961

Triad

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



94.5940, 12.5252, -4.0289



94.6730, -10.6848, 20.4578



88.8570, 0.0705, -22.6766

Complementary

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



94.5940, 12.5252, -4.0289



115.4060, -12.5252, 4.0289

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.



90.6860, -7.2402, -11.1256



94.5940, 12.5252, -4.0289



93.9340, -13.2785, 12.3359

Square

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



94.5940, 12.5252, -4.0289



95.4760, -5.1647, 23.2615



92.2100, -11.9355, 1.5698



87.4630, 7.6597, -30.2241

Rectangle

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



94.5940, 12.5252, -4.0289



96.4350, 3.7295, 17.1585



92.2100, -11.9355, 1.5698



89.1950, -2.5611, -18.5880

Sweetspot

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



94.5940, 12.5252, -4.0289



145.0690, 5.3890, -1.8145



110.8020, 3.5486, -18.2434



72.4990, 3.2050, -1.3146



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



94.5940, 12.5252, -4.0289



116.1190, 19.6613, -6.2434



97.3070, 11.1876, 4.9928



55.6840, 2.6208, -0.5999



18.9460, 52.2846, -16.6156



38.7070, 105.1534, -33.9460

Inverse Universe

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



99.1980, -3.5486, 18.2434



123.3950, -5.6177, 28.5946



112.6930, -11.1876, -4.9928



56.7940, -0.8844, 3.6887



38.2870, -14.9315, 76.0473



77.2860, -29.7210, 153.2242

Previews

White Background



This preview shows how the YUV color 94.5940, 12.5252, -4.0289 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 94.5940, 12.5252, -4.0289 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 94.5940, 12.5252, -4.0289

Background



This preview shows how black text looks on a background with the YUV color 94.5940, 12.5252, -4.0289.



This preview shows how white text looks on a background with the YUV color 94.5940, 12.5252,

-4.0289.

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

94.5940, 12.5252, -4.0289

Protanopia

94.3980, 13.1148, -6.4880

Deuteranopia

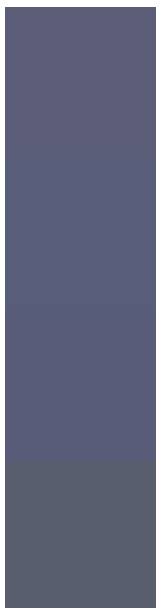
94.2950, 12.6726, -4.6437



Tritanopia

93.5200, 4.6736, -5.7180

Trichromacy



Original Color

94.5940, 12.5252, -4.0289

Protanomaly

94.6970, 12.9674, -5.8733

Deuteranomaly

94.2950, 12.6726, -4.6437

Tritanomaly

93.9160, 7.4364, -5.1883

Monochromacy



Original Color

94.5940, 12.5252, -4.0289

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8410, 4.5154, -1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5940, 12.5252, -4.0289 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(90, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(90, 92, 120)  
}
```

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(90, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 92, 120) }
```

Border

The CSS property to change the border of an element to YUV 94.5940, 12.5252, -4.0289 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(90, 92, 120) }
```


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

```
.border{ border-color:rgb(90, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(90, 92,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 94.5940, 12.5252, -4.0289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 92, 120) }
```

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

```
.background{ background-color: rgb(90, 92,  
120) }
```

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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