

Converting Colors

YUV(109.1350, 25.5694,
12.1596)

Have a look what the booklet for
YUV(109.1350, 25.5694, 12.1596)
contains.

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Color

**YUV(109.1350, 25.5694,
12.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5CA1
RGB	123, 92, 161
RGB Percent	48%, 36%, 63%
CMY	0.5176, 0.6392, 0.3686
CMYK	0.24, 0.43, 0.00, 0.37
HSL	267°, 27%, 50%
HSV	267°, 43%, 63%
XYZ	18.4285, 14.4385, 35.5338
YIQ	109.1350, -3.6730, 28.0310

Conversions

Conversions Part 2

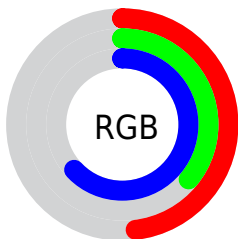
Format	Color
R_{YB}	123, 92, 161
Decimal	8084641
CIE _{Lab}	44.86, 27.09, -32.77
CIE _{LCh}	45, 42.518, 309.571
Yxy	14.4385, 0.2694, 0.2111
Android (android.graphics.Color)	4286274721 (0xFF7B5CA1)
YUV	109.1350, 25.5694, 12.1596
Hunter-Lab	37.9980, 20.0739, -28.8465

Details

The YUV color **109.1350, 25.5694, 12.1596** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **143.8650, -25.5694, -12.1596**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4880, 26.8744, 13.6040**, and **60.3690, 23.9751, 10.2004** is the 20% darker color. If you saturate the color by 10%, you get **97.0520, 31.5264, 14.8634**, and if you desaturate by 10%, it is **121.2180, 19.6125, 9.4558**.

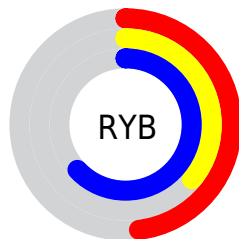
Distribution



Red (48%)

Green (36%)

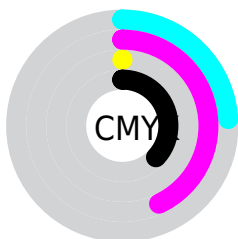
Blue (63%)



Red (48%)

Yellow (36%)

Blue (63%)

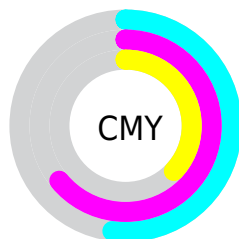


Cyan (24%)

Magenta (43%)

Yellow (0%)

Black (37%)



Cyan (52%)

Magenta (64%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1350, 25.5694, 12.1596 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 109.1350, 25.5694, 12.1596 by changing the saturation by 10% instead.

■ 109.1350, 25.5694,
12.1596

■ 109.1350, 25.5694,
12.1596

■ 255.0000, 0.0000,
0.0000

■ 84.3090, 24.9907,
11.1300

■ 161.4880, 26.8744,
13.6040

■ 60.3690, 23.9751,
10.2004

■ 188.4280, 27.8900,
14.5336

■ 37.4290, 22.9595,
9.2708

■ 214.3760, 20.0276,
16.3332

■ 14.1300, 23.1069,
8.6560

■ 237.3900, 8.6817,
15.4440

■ 4.3320, 16.5983,
-3.7992

■ 254.4130, 0.2894,
0.5148

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 109.1350, 25.5694,
12.1596

■ 109.1350, 25.5694,
12.1596

■ 97.0520, 31.5264,
14.8634

■ 121.2180, 19.6125,
9.4558

■ 84.9690, 37.4833,
17.5672

■ 133.3010, 13.6556,
6.7520

■ 72.8860, 43.4402,
20.2710

■ 145.3840, 7.6987,
4.0482

■ 61.1020, 49.2497,
23.5895

■ 157.1680, 1.8892,
0.7297

■ 48.4320, 55.4960,
26.8081

■ 169.2510, -4.0677,
-1.9741

■ 39.8820, 59.7112,
28.1675

■ 181.9210,
-10.3141, -5.1927

■ 194.0040,
-16.2710, -7.8965

■ 206.0870,
-22.2279, -10.6003

■ 218.1700,
-28.1848, -13.3041

Harmonies

Analogous

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



100.2260, 37.3566, -35.2782



109.1350, 25.5694, 12.1596



108.6630, 11.5051, 43.2685

Triad

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



109.1350, 25.5694, 12.1596



103.4520, -32.2678, 36.4376



86.1260, 15.2209, -75.5325

Complementary

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



109.1350, 25.5694, 12.1596



143.8650, -25.5694, -12.1596

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.



80.7340, -0.3619, -70.8037



109.1350, 25.5694, 12.1596



101.3150, -34.6653, 12.0017

Square

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



109.1350, 25.5694, 12.1596



104.9500, -20.6814, 53.5408



97.1740, -24.2428, -17.6926



88.7140, 30.2140, -77.8022

Rectangle

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



109.1350, 25.5694, 12.1596



106.2810, 0.8475, 55.0046



97.1740, -24.2428, -17.6926



84.0570, 9.8319, -73.7180

Sweetspot

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



109.1350, 25.5694, 12.1596



188.6660, 10.0247, 4.6779



122.7590, 18.8528, -26.9756



92.0310, 6.3937, 2.6038



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



109.1350, 25.5694, 12.1596



128.5500, 39.6619, 18.8117



119.0020, 20.7050, 32.4472



75.2220, 3.3416, 1.5593



35.9650, 53.7543, 25.4637



4.4440, 6.6831, 3.1186

Inverse Universe

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



116.9630, 6.4272, 38.6204



140.7190, 9.9985, 59.8824



133.9980, -20.7050, -32.4472



76.2610, 0.8573, 5.0331



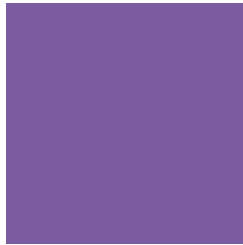
52.4750, 13.5698, 81.1444



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 109.1350, 25.5694, 12.1596 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 109.1350, 25.5694, 12.1596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

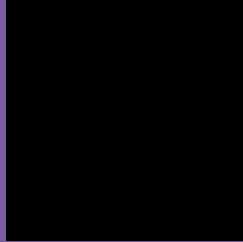
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.1350, 25.5694, 12.1596

Background



This preview shows how black text looks on a background with the YUV color 109.1350, 25.5694, 12.1596.



This preview shows how white text looks on a background with the YUV color 109.1350, 25.5694, 12.1596.

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

109.1350, 25.5694, 12.1596

Protanopia

104.5760, 33.2400, -21.5532

Deuteranopia

105.0510, 26.1039, -19.3387



Tritanopia

107.2010, 1.8729, 5.9627

Trichromacy



Original Color

109.1350, 25.5694, 12.1596

Protanomaly

106.5560, 30.2919, -9.2576

Deuteranomaly

106.7150, 25.7765, -7.6431

Tritanomaly

107.8020, 10.4506, 8.0666

Monochromacy



Original Color

109.1350, 25.5694, 12.1596

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1390, 9.2985, 4.2631

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1350, 25.5694, 12.1596 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(123, 92, 161)` looks like.

```
.text, #text, p{  
    color:rgb(123, 92, 161)  
}
```

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(123, 92, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 92, 161) }
```

Border

The CSS property to change the border of an element to YUV 109.1350, 25.5694, 12.1596 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(123, 92, 161) }
```


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

```
.border{ border-color:rgb(123, 92, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 92, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 92, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 92, 161);  
box-shadow:4px 4px 4px 4px rgb(123, 92,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 109.1350, 25.5694, 12.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 92, 161) }
```

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

```
.background{ background-color: rgb(123, 92,  
161) }
```

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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