

Converting Colors

YUV(91.7100, 26.7650, 2.0083)

Have a look what the booklet for
YUV(91.7100, 26.7650, 2.0083)
contains.

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Color

**YUV(91.7100, 26.7650,
2.0083)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5092
RGB	94, 80, 146
RGB Percent	37%, 31%, 57%
CMY	0.6314, 0.6863, 0.4275
CMYK	0.36, 0.45, 0.00, 0.43
HSL	253°, 29%, 44%
HSV	253°, 45%, 57%
XYZ	12.6731, 10.1923, 28.4935
YIQ	91.7100, -12.8420, 23.4940

Conversions

Conversions Part 2

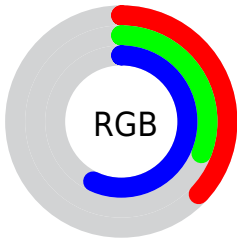
Format	Color
R_{YB}	94, 80, 146
Decimal	6181010
CIE _{Lab}	38.19, 21.88, -34.50
CIE _{LCh}	38, 40.855, 302.380
Yxy	10.1923, 0.2468, 0.1985
Android (android.graphics.Color)	4284371090 (0xFF5E5092)
YUV	91.7100, 26.7650, 2.0083
Hunter-Lab	31.9254, 14.9876, -30.5686

Details

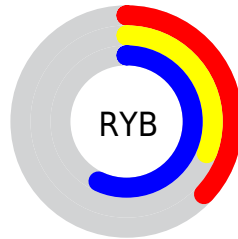
The YUV color **91.7100, 26.7650, 2.0083** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **134.2900, -26.7650, -2.0083**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.4760, 28.3593, 3.9675**, and **44.5310, 24.8812, -0.4657** is the 20% darker color. If you saturate the color by 10%, you get **79.3170, 32.8747, 2.3530**, and if you desaturate by 10%, it is **104.1030, 20.6552, 1.6637**.

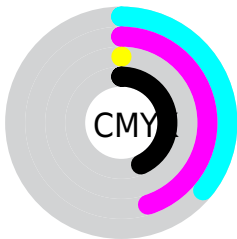
Distribution



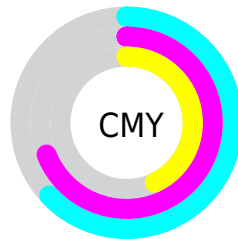
- Red (37%)
- Green (31%)
- Blue (57%)



- Red (37%)
- Yellow (31%)
- Blue (57%)



- Cyan (36%)
- Magenta (45%)
- Yellow (0%)
- Black (43%)



- Cyan (63%)
- Magenta (69%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7100, 26.7650, 2.0083 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 91.7100, 26.7650, 2.0083 by changing the saturation by 10% instead.

91.7100, 26.7650,
2.0083

91.7100, 26.7650,
2.0083

255.0000, 0.0000,
0.0000

67.7700, 25.7494,
1.0787

142.4760, 28.3593,
3.9675

44.5310, 24.8812,
-0.4657

169.7040, 29.2329,
3.7676

21.9820, 24.1659,
-4.3692

196.3020, 28.9381,
4.9971

5.4720, 20.9663,
-4.7989

221.1100, 16.7078,
7.7965

3.5510, 11.0674,
-3.1142

245.0210, 4.9196,
8.7516

0.0000, 0.0000,
0.0000

■ 91.7100, 26.7650,
2.0083

■ 91.7100, 26.7650,
2.0083

■ 79.3170, 32.8747,
2.3530

■ 104.1030, 20.6552,
1.6637

■ 67.8100, 38.5477,
2.7976

■ 115.6100, 14.9823,
1.2190

■ 55.4170, 44.6574,
3.1423

■ 128.0030, 8.8725,
0.8744

■ 43.9100, 50.3304,
3.5869

■ 139.5100, 3.1996,
0.4297

■ 31.5170, 56.4401,
3.9316

■ 151.9030, -2.9102,
0.0851


■ 25.9130, 59.2029,
4.4613

■ 163.9970, -8.8725,
-0.8744

■ 175.8030,
-14.6929, -0.7042

■ 187.8970,

-20.6552, -1.6637

 199.7030,
-26.4756, -1.4935

Harmonies

Analogous

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



72.3750, 41.2271, -63.4729



91.7100, 26.7650, 2.0083



92.0040, 14.2950, 35.0765

Triad

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



91.7100, 26.7650, 2.0083



87.7880, -28.4895, 37.8969



72.7100, 9.5100, -63.7667

Complementary

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



91.7100, 26.7650, 2.0083



134.2900, -26.7650, -2.0083

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.



71.5580, -6.6841, -49.6014



91.7100, 26.7650, 2.0083



85.5760, -33.8080, 17.0348

Square

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



91.7100, 26.7650, 2.0083



87.9050, -15.7292, 51.8263



82.1750, -25.7223, -9.8005



75.7710, 23.7769, -66.4512

Rectangle

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



91.7100, 26.7650, 2.0083



89.9750, 4.9423, 48.2569



82.1750, -25.7223, -9.8005



70.7550, 4.5578, -62.0521

Sweetspot

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



91.7100, 26.7650, 2.0083



166.8720, 10.9091, 0.9893



118.6350, 13.4909, -33.8829



81.0200, 6.3991, 0.8595



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.



91.7100, 26.7650, 2.0083



104.9070, 41.4578, 2.7126



101.2780, 22.0479, 21.6812



68.0970, 2.9102, -0.0851



24.4030, 56.0033, 4.0316



1.7380, 4.0732, 0.2298

Inverse Universe

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



105.6620, 12.9846, 35.3764



126.6180, 19.9083, 54.7090



124.7220, -22.0479, -21.6812



69.6630, 1.1521, 3.8035



53.5740, 26.8320, 74.0416



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 91.7100, 26.7650, 2.0083 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 91.7100, 26.7650, 2.0083 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 91.7100, 26.7650, 2.0083

Background



This preview shows how black text looks on a background with the YUV color 91.7100, 26.7650, 2.0083.



This preview shows how white text looks on a background with the YUV color 91.7100, 26.7650,

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

91.7100, 26.7650, 2.0083

Protanopia

87.6360, 32.2245, -22.4828

Deuteranopia

86.8870, 28.1567, -24.4569



Tritanopia

89.7050, 4.0894, -5.0033

Trichromacy



Original Color

91.7100, 26.7650, 2.0083

Protanomaly

89.1210, 30.0133, -13.2611

Deuteranomaly

88.5400, 27.8348, -14.5056

Tritanomaly

90.4910, 12.0829, -2.1846

Monochromacy



Original Color

91.7100, 26.7650, 2.0083

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.2310, 9.7461, 0.6744

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7100, 26.7650, 2.0083 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(94, 80, 146)` looks like.

```
.text, #text, p{  
    color:rgb(94, 80, 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(94, 80, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 80, 146) }
```

Border

The CSS property to change the border of an element to YUV 91.7100, 26.7650, 2.0083 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(94, 80, 146) }
```


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

```
.border{ border-color:rgb(94, 80, 146) }
```

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

Here you see how a box with a 4 pixel rgb(94, 80, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 80, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 80, 146);  
box-shadow:4px 4px 4px 4px rgb(94, 80,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 91.7100, 26.7650, 2.0083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 80, 146) }
```

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

```
.background{ background-color: rgb(94, 80,  
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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