

Converting Colors

YUV(92.9070, 41.4578, 2.7126)

Have a look what the booklet for
YUV(92.9070, 41.4578, 2.7126)
contains.

YUV(92.9070, 41.4578, 2.7126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(92.9070, 41.4578,
2.7126)**

Conversions

Conversions Part 1

Format	Color
Hex	604BB1
RGB	96, 75, 177
RGB Percent	38%, 29%, 69%
CMY	0.6235, 0.7059, 0.3059
CMYK	0.46, 0.58, 0.00, 0.31
HSL	252°, 40%, 49%
HSV	252°, 58%, 69%
XYZ	15.2758, 10.6933, 42.8539
YIQ	92.9070, -20.2260, 36.1740

Conversions

Conversions Part 2

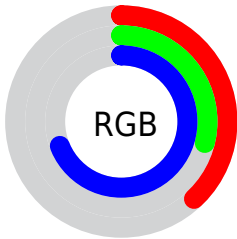
Format	Color
RYB	96, 75, 177
Decimal	6310833
CIELab	39.06, 34.52, -51.64
CIELCh	39, 62.117, 303.765
Yxy	10.6933, 0.2220, 0.1554
Android (android.graphics.Color)	4284500913 (0xFF604BB1)
YUV	92.9070, 41.4578, 2.7126
Hunter-Lab	32.7006, 26.1586, -54.8087

Details

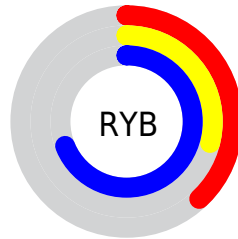
The YUV color **92.9070, 41.4578, 2.7126** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **159.0930, -41.4578, -2.7126**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3850, 43.1942, 5.8014**, and **42.4070, 39.7323, -3.8649** is the 20% darker color. If you saturate the color by 10%, you get **78.1550, 48.7306, 3.3721**, and if you desaturate by 10%, it is **107.6590, 34.1851, 2.0531**.

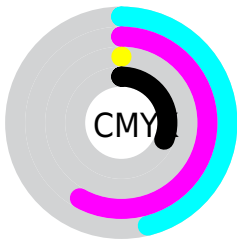
Distribution



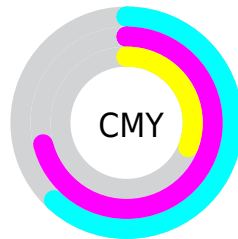
- Red (38%)
- Green (29%)
- Blue (69%)



- Red (38%)
- Yellow (29%)
- Blue (69%)



- Cyan (46%)
- Magenta (58%)
- Yellow (0%)
- Black (31%)



- Cyan (62%)
- Magenta (71%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.9070, 41.4578, 2.7126 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 92.9070, 41.4578, 2.7126 by changing the saturation by 10% instead.

■ 92.9070, 41.4578,
2.7126

■ 92.9070, 41.4578,
2.7126

■ 255.0000, 0.0000,
0.0000

■ 67.9560, 40.4477,
0.0386

■ 145.3850, 43.1942,
5.8014

■ 42.4070, 39.7323,
-3.8649

■ 171.5270, 41.1522,
7.4308

■ 15.8680, 40.4911,
-13.9162

■ 196.0470, 29.0638,
11.3598

■ 8.4360, 32.3231,
-7.3984

■ 220.5670, 16.9755,
15.2887

■ 8.0480, 20.6823,
-7.0581

■ 242.6730, 6.0772,
10.8108

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,

0.0000

■ 92.9070, 41.4578,
2.7126

■ 92.9070, 41.4578,
2.7126

■ 78.1550, 48.7306,
3.3721

■ 107.6590, 34.1851,
2.0531

■ 63.9900, 55.7139,
3.5168

■ 121.8240, 27.2018,
1.9084

■ 49.2380, 62.9867,
4.1763

■ 136.5760, 19.9290,
1.2488

■ 34.4860, 70.2594,
4.8358

■ 151.3280, 12.6563,
0.5893

■ 30.9420, 72.0066,
4.4359

■ 165.4930, 5.6730,
0.4446

■ 180.2450, -1.5998,
-0.2149

■ 194.9970, -8.8725,
-0.8744

■ 209.7490,
-16.1453, -1.5339

■ 224.2130,
-23.2760, -1.0638

Harmonies

Analogous

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



79.0550, 56.6679, -69.3312



92.9070, 41.4578, 2.7126



88.2040, 24.5494, 59.4571

Triad

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



92.9070, 41.4578, 2.7126



85.9180, -42.3576, 52.6919



77.3890, 9.6682, -67.8702

Complementary

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



92.9070, 41.4578, 2.7126



159.0930, -41.4578, -2.7126

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.



70.1730, -12.9033, -61.5417



92.9070, 41.4578, 2.7126



85.9970, -42.3965, 18.4196

Square

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



92.9070, 41.4578, 2.7126



81.1150, -20.7627, 79.7061



76.8950, -37.9092, -20.9559



83.0890, 31.5081, -72.8691

Rectangle

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



92.9070, 41.4578, 2.7126



78.6710, 12.9802, 83.6035



76.8950, -37.9092, -20.9559



75.3370, 1.8059, -66.0705

Sweetspot

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



92.9070, 41.4578, 2.7126



197.2510, 16.1453, 1.5339



134.7620, 20.8233, -52.4113



96.1170, 9.3093, 0.7744



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



92.9070, 41.4578, 2.7126



98.9930, 64.5865, 4.3911



107.8570, 34.0875, 33.4514



81.6240, 3.6364, 0.3298



27.0100, 62.1131, 4.3762



4.4590, 10.6197, 0.4745

Inverse Universe

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



114.7320, 20.3451, 54.6090



132.9050, 31.5988, 85.1523



144.1430, -34.0875, -33.4514



83.4890, 1.7309, 4.8331



59.6550, 30.7361, 81.8636



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 92.9070, 41.4578, 2.7126 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 92.9070, 41.4578, 2.7126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

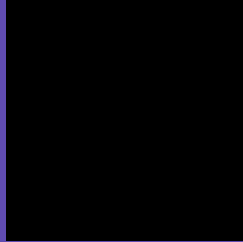
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.9070, 41.4578, 2.7126

Background



This preview shows how black text looks on a background with the YUV color 92.9070, 41.4578, 2.7126.



This preview shows how white text looks on a background with the YUV color 92.9070, 41.4578,

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

92.9070, 41.4578, 2.7126

Protanopia

73.7890, 56.7990, -64.7130

Deuteranopia

73.9880, 44.8689, -64.8875



Tritanopia

90.2310, 6.2951, -12.4806

Trichromacy



Original Color

92.9070, 41.4578, 2.7126

Protanomaly

80.8630, 51.3395, -40.2219

Deuteranomaly

80.8000, 43.4826, -40.1666

Tritanomaly

91.2930, 19.0826, -7.2730

Monochromacy



Original Color

92.9070, 41.4578, 2.7126

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7240, 15.4191, 1.1191

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.9070, 41.4578, 2.7126 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, 75, 177)` looks like.

```
.text, #text, p{  
    color:rgb(96, 75, 177)  
}
```

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, 75, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 75, 177) }
```

Border

The CSS property to change the border of an element to YUV 92.9070, 41.4578, 2.7126 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, 75, 177) }
```


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

```
.border{ border-color:rgb(96, 75, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 75, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 75, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 75, 177);  
box-shadow:4px 4px 4px 4px rgb(96, 75,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 92.9070, 41.4578, 2.7126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 75, 177) }
```

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

```
.background{ background-color: rgb(96, 75,  
177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor