

Converting Colors

YUV(101.2920, 24.0130,
-2.0101)

Have a look what the booklet for
YUV(101.2920, 24.0130, -2.0101)
contains.

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Color

**YUV(101.2920, 24.0130,
-2.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	635D96
RGB	99, 93, 150
RGB Percent	39%, 36%, 59%
CMY	0.6118, 0.6353, 0.4118
CMYK	0.34, 0.38, 0.00, 0.41
HSL	246°, 23%, 48%
HSV	246°, 38%, 59%
XYZ	14.5650, 12.6834, 30.5346
YIQ	101.2920, -14.7210, 18.9990

Conversions

Conversions Part 2

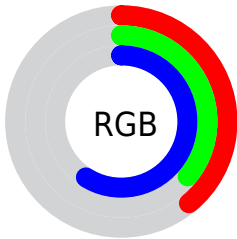
Format	Color
R_{YB}	99, 93, 150
Decimal	6512022
CIE Lab	42.28, 16.35, -30.42
CIE LCh	42, 34.537, 298.250
Yxy	12.6834, 0.2521, 0.2195
Android (android.graphics.Color)	4284702102 (0xFF635D96)
YUV	101.2920, 24.0130, -2.0101
Hunter-Lab	35.6137, 10.6773, -25.9047

Details

The YUV color **101.2920, 24.0130, -2.0101** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.7080, -24.0130, 2.0101**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.3460, 25.4654, -1.1804**, and **53.5260, 22.4187, -3.9693** is the 20% darker color. If you saturate the color by 10%, you get **88.6000, 30.2702, -2.2802**, and if you desaturate by 10%, it is **113.9840, 17.7559, -1.7400**.

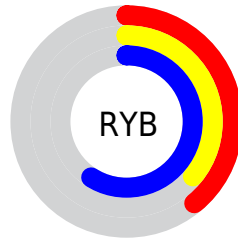
Distribution



Red (39%)

Green (36%)

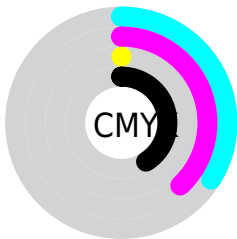
Blue (59%)



Red (39%)

Yellow (36%)

Blue (59%)

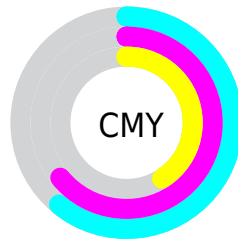


Cyan (34%)

Magenta (38%)

Yellow (0%)

Black (41%)



Cyan (61%)

Magenta (64%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.2920, 24.0130, -2.0101 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 101.2920, 24.0130, -2.0101 by changing the saturation by 10% instead.

■ 101.2920, 24.0130,
-2.0101

■ 101.2920, 24.0130,
-2.0101

■ 255.0000, 0.0000,
0.0000

■ 76.7650, 23.2869,
-2.4249

■ 152.3460, 25.4654,
-1.1804

■ 53.5260, 22.4187,
-3.9693

■ 179.8730, 26.1916,
-0.7656

■ 30.9880, 21.6979,
-6.1285

■ 206.6020, 23.8602,
0.3490

■ 6.5260, 22.4187,
-3.9693

■ 231.4100, 11.6299,
3.1484

■ 4.5940, 12.5252,
-4.0289

■ 254.4130, 0.2894,
0.5148

■ 0.0000, 0.0000,
0.0000

■ 101.2920, 24.0130,
-2.0101

■ 101.2920, 24.0130,
-2.0101

■ 88.6000, 30.2702,
-2.2802

■ 113.9840, 17.7559,
-1.7400

■ 75.6090, 36.6748,
-3.1651

■ 126.9750, 11.3513,
-0.8551

■ 62.9170, 42.9319,
-3.4352

■ 139.6670, 5.0942,
-0.5850

■ 49.9260, 49.3365,
-4.3201

■ 152.6580, -1.3104,
0.2999

■ 37.2340, 55.5936,
-4.5902

■ 165.3500, -7.5675,
0.5701

■ 24.2430, 61.9982,
-5.4751


■ 178.3410,
-13.9721, 1.4549

■ 21.8840, 63.1612,
-5.1603

■ 191.0330,
-20.2293, 1.7251

■ 203.7250,

-26.4864, 1.9952

 216.7160,
-32.8910, 2.8801

Harmonies

Analogous

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



91.1020, 31.9947, -42.1855



101.2920, 24.0130, -2.0101



102.7210, 13.4485, 26.5547

Triad

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



101.2920, 24.0130, -2.0101



98.8570, -23.1005, 36.0824



77.9760, 9.3788, -68.3850

Complementary

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



101.2920, 24.0130, -2.0101



141.7080, -24.0130, 2.0101

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.



89.4570, -10.0853, -31.9728



101.2920, 24.0130, -2.0101



97.4820, -27.8456, 17.9943

Square

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



101.2920, 24.0130, -2.0101



99.6700, -12.6553, 45.8934



94.3050, -22.8284, -4.6525



81.2820, 22.0460, -71.2843

Rectangle

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



101.2920, 24.0130, -2.0101



101.9200, 4.9694, 39.5352



94.3050, -22.8284, -4.6525



79.5270, 3.6842, -61.8522

Sweetspot

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



101.2920, 24.0130, -2.0101



175.4050, 9.1673, -0.3552



129.4350, 10.1385, -31.9535



86.0800, 5.3836, -0.0702



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



101.2920, 24.0130, -2.0101



117.8370, 37.5484, -3.3650



109.6640, 19.8856, 15.2037



67.7980, 3.0576, -0.6998



19.9180, 58.2144, -5.1901



1.4390, 4.2206, -0.3850

Inverse Universe

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



115.8570, 13.8745, 29.9434



140.6170, 21.3878, 46.8169



133.3360, -19.8856, -15.2037



69.7770, 1.5889, 3.7036



55.2840, 33.3840, 72.5419



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 101.2920, 24.0130, -2.0101 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 101.2920, 24.0130, -2.0101 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 101.2920, 24.0130, -2.0101

Background



This preview shows how black text looks on a background with the YUV color 101.2920, 24.0130, -2.0101.



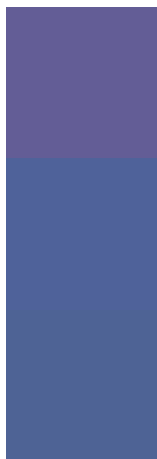
This preview shows how white text looks on a background with the YUV color 101.2920, 24.0130,

-2.0101.

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

101.2920, 24.0130, -2.0101

Protanopia

98.7030, 27.2614, -17.2795

Deuteranopia

98.4210, 24.9354, -17.9092



Tritanopia

98.7370, 5.5527, -7.6623

Trichromacy



Original Color

101.2920, 24.0130, -2.0101

Protanomaly

99.5080, 26.3716, -11.8465

Deuteranomaly

99.6390, 24.3350, -11.9614

Tritanomaly

99.5830, 12.5306, -5.7733

Monochromacy



Original Color

101.2920, 24.0130, -2.0101

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9920, 8.8779, -0.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.2920, 24.0130, -2.0101 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(99, 93, 150)` looks like.

```
.text, #text, p{  
    color:rgb(99, 93, 150)  
}
```

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(99, 93, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 93, 150) }
```

Border

The CSS property to change the border of an element to YUV 101.2920, 24.0130, -2.0101 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(99, 93, 150) }
```


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

```
.border{ border-color:rgb(99, 93, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 93, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 93, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 93, 150);  
box-shadow:4px 4px 4px 4px rgb(99, 93,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 101.2920, 24.0130, -2.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 93, 150) }
```

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

```
.background{ background-color: rgb(99, 93,  
150) }
```

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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