

Converting Colors

YUV(101.4150, 34.3054,
10.1600)

Have a look what the booklet for
YUV(101.4150, 34.3054, 10.1600)
contains.

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Color

**YUV(101.4150, 34.3054,
10.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	7152AB
RGB	113, 82, 171
RGB Percent	44%, 32%, 67%
CMY	0.5569, 0.6784, 0.3294
CMYK	0.34, 0.52, 0.00, 0.33
HSL	261°, 35%, 50%
HSV	261°, 52%, 67%
XYZ	17.1780, 12.4856, 40.0327
YIQ	101.4150, -10.0930, 34.2510

Conversions

Conversions Part 2

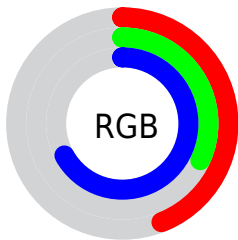
Format	Color
R_{YB}	113, 82, 171
Decimal	7426731
CIE _{Lab}	41.98, 32.79, -43.32
CIE _{LCh}	42, 54.328, 307.124
Yxy	12.4856, 0.2465, 0.1791
Android (android.graphics.Color)	4285616811 (0xFF7152AB)
YUV	101.4150, 34.3054, 10.1600
Hunter-Lab	35.3349, 24.9414, -42.4381

Details

The YUV color **101.4150, 34.3054, 10.1600** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **151.5850, -34.3054, -10.1600**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.2950, 36.3366, 12.0193**, and **51.9370, 32.5691, 7.0713** is the 20% darker color. If you saturate the color by 10%, you get **88.1470, 40.8465, 12.1491**, and if you desaturate by 10%, it is **114.6830, 27.7643, 8.1710**.

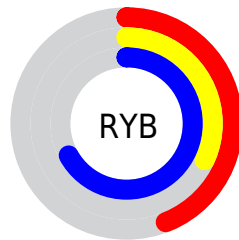
Distribution



Red (44%)

Green (32%)

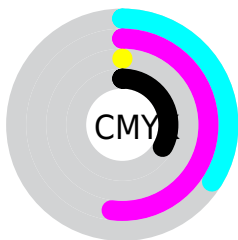
Blue (67%)



Red (44%)

Yellow (32%)

Blue (67%)

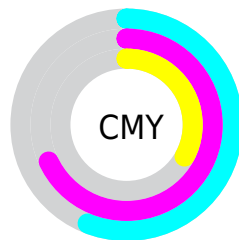


Cyan (34%)

Magenta (52%)

Yellow (0%)

Black (33%)



Cyan (56%)

Magenta (68%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.4150, 34.3054, 10.1600 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 101.4150, 34.3054, 10.1600 by changing the saturation by 10% instead.

■ 101.4150, 34.3054,
10.1600

■ 101.4150, 34.3054,
10.1600

■ 255.0000, 0.0000,
0.0000

■ 76.4750, 33.2898,
9.2304

■ 153.2950, 36.3366,
12.0193

■ 51.9370, 32.5691,
7.0713

■ 181.0070, 36.4785,
13.1489

■ 28.1000, 31.9957,
4.2973

■ 205.2280, 24.5376,
16.4630

■ 9.6600, 29.2546,
-3.2098

■ 230.6340, 12.0124,
20.4920

■ 6.8910, 18.7877,
-6.0434

■ 247.3690, 3.7621,
6.6924

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 101.4150, 34.3054,
10.1600

■ 101.4150, 34.3054,
10.1600

■ 88.1470, 40.8465,
12.1491

■ 114.6830, 27.7643,
8.1710

■ 74.8790, 47.3877,
14.1381

■ 127.9510, 21.2232,
6.1820

■ 61.6110, 53.9288,
16.1272

■ 141.2190, 14.6820,
4.1929

■ 48.0440, 60.6173,
17.5014

■ 154.7860, 7.9935,
2.8187

■ 37.4340, 65.8480,
19.7904

■ 168.0540, 1.4524,
0.8296

■ 181.9090, -5.3781,
-1.6742

■ 195.1770,
-11.9193, -3.6632

■ 208.4450,
-18.4604, -5.6523

■ 221.7130,
-25.0015, -7.6413

Harmonies

Analogous

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



80.7190, 52.8895, -70.7906



101.4150, 34.3054, 10.1600



98.4500, 18.0191, 53.9793

Triad

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



101.4150, 34.3054, 10.1600



93.6030, -44.6673, 46.8292



82.2790, 13.1735, -72.1587

Complementary

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



101.4150, 34.3054, 10.1600



151.5850, -34.3054, -10.1600

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.



75.7470, -6.7773, -66.4301



101.4150, 34.3054, 10.1600



92.1770, -45.4433, 15.6308

Square

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



101.4150, 34.3054, 10.1600



93.4680, -22.9087, 67.9956



85.5190, -34.2729, -20.6262



86.5940, 32.2452, -75.9429

Rectangle

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



101.4150, 34.3054, 10.1600



94.2320, 5.3086, 70.8335



85.5190, -34.2729, -20.6262



80.4550, 6.1847, -70.5590

Sweetspot

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



101.4150, 34.3054, 10.1600



193.9910, 13.8084, 4.3929



126.7790, 21.8010, -39.2712



95.4870, 8.1409, 2.2039



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



101.4150, 34.3054, 10.1600



114.0840, 53.2026, 15.7123



114.2720, 27.9669, 36.5955



79.9230, 3.4890, 0.9445



32.6480, 57.8545, 16.9717



5.0140, 8.8671, 2.6187

Inverse Universe

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



115.2230, 12.2151, 48.9164



135.5220, 18.9697, 75.8412



138.7280, -27.9669, -36.5955



81.3750, 1.2941, 4.9331



56.0220, 20.6952, 82.4187



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 101.4150, 34.3054, 10.1600 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 101.4150, 34.3054, 10.1600 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 101.4150, 34.3054, 10.1600

Background



This preview shows how black text looks on a background with the YUV color 101.4150, 34.3054, 10.1600.



This preview shows how white text looks on a background with the YUV color 101.4150, 34.3054,

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

101.4150, 34.3054, 10.1600

Protanopia

92.9900, 45.3609, -35.9482

Deuteranopia

93.2860, 36.3410, -36.2078



Tritanopia

99.5100, 3.1996, 0.4297

Trichromacy



Original Color

101.4150, 34.3054, 10.1600

Protanomaly

96.0630, 41.3809, -19.3493

Deuteranomaly

95.8690, 35.5606, -19.1791

Tritanomaly

100.2190, 14.6820, 4.1929

Monochromacy



Original Color

101.4150, 34.3054, 10.1600

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9370, 12.3561, 3.5633

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.4150, 34.3054, 10.1600 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(113, 82, 171)` looks like.

```
.text, #text, p{  
    color:rgb(113, 82, 171)  
}
```

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(113, 82, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 82, 171) }
```

Border

The CSS property to change the border of an element to YUV 101.4150, 34.3054, 10.1600 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(113, 82, 171) }
```


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

```
.border{ border-color:rgb(113, 82, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 82, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 82, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 82, 171);  
box-shadow:4px 4px 4px 4px rgb(113, 82,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 101.4150, 34.3054, 10.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 82, 171) }
```

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

```
.background{ background-color: rgb(113, 82,  
171) }
```

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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