

Converting Colors

YUV(122.4150, 34.3054,
10.1600)

Have a look what the booklet for
YUV(122.4150, 34.3054, 10.1600)
contains.

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Color

**YUV(122.4150, 34.3054,
10.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	8667C0
RGB	134, 103, 192
RGB Percent	53%, 40%, 75%
CMY	0.4745, 0.5961, 0.2471
CMYK	0.30, 0.46, 0.00, 0.25
HSL	261°, 41%, 58%
HSV	261°, 46%, 75%
XYZ	24.1962, 18.5746, 52.1791
YIQ	122.4150, -10.0930, 34.2510

Conversions

Conversions Part 2

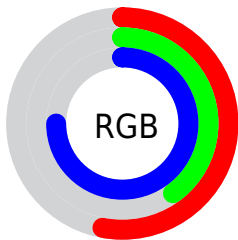
Format	Color
R_{YB}	134, 103, 192
Decimal	8808384
CIE _{Lab}	50.19, 31.60, -42.40
CIE _{LCh}	50, 52.881, 306.703
Yxy	18.5746, 0.2548, 0.1956
Android (android.graphics.Color)	4286998464 (0xFF8667C0)
YUV	122.4150, 34.3054, 10.1600
Hunter-Lab	43.0983, 24.7914, -41.6137

Details

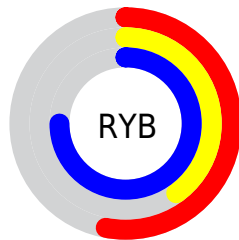
The YUV color **122.4150, 34.3054, 10.1600** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **172.5850, -34.3054, -10.1600**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8820, 36.0472, 11.5045**, and **72.2360, 32.4217, 7.6860** is the 20% darker color. If you saturate the color by 10%, you get **107.3750, 41.7201, 11.9491**, and if you desaturate by 10%, it is **137.4550, 26.8907, 8.3710**.

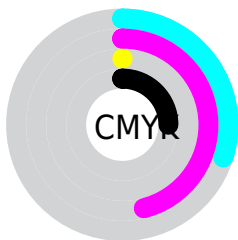
Distribution



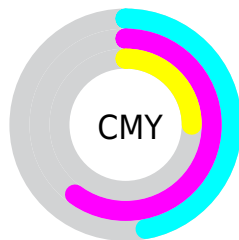
- Red (53%)
- Green (40%)
- Blue (75%)



- Red (53%)
- Yellow (40%)
- Blue (75%)



- Cyan (30%)
- Magenta (46%)
- Yellow (0%)
- Black (25%)



- Cyan (47%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.4150, 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 122.4150, 34.3054, 10.1600 by changing the saturation by 10% instead.

122.4150, 34.3054,
10.1600

122.4150, 34.3054,
10.1600

255.0000, 0.0000,
0.0000

97.1760, 33.4372,
8.6156

175.8820, 36.0472,
11.5045

72.2360, 32.4217,
7.6860

201.0860, 26.5796,
14.8336

47.9970, 31.5535,
6.1416

225.6060, 14.4912,
18.7625

23.8610, 31.1275,
2.7529

245.0210, 4.9196,
8.7516

8.9760, 26.6338,
-2.6100

6.3210, 16.6037,
-5.5435

2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 122.4150, 34.3054,
10.1600

■ 122.4150, 34.3054,
10.1600

■ 107.3750, 41.7201,
11.9491

■ 137.4550, 26.8907,
8.3710

■ 92.6340, 48.9874,
14.3530

■ 152.1960, 19.6234,
5.9671

■ 77.0070, 56.6915,
16.6569

■ 167.8230, 11.9193,
3.6632

■ 62.2660, 63.9589,
19.0607

■ 182.5640, 4.6519,
1.2594

■ 47.2260, 71.3736,
20.8498

■ 197.6040, -2.7628,
-0.5297

41.9210, 73.9889,
21.9943

212.3450,
-10.0301, -2.9336

227.3850,
-17.4448, -4.7226

241.5390,
-24.4227, -6.6117

245.4260,
-26.3390, 1.3804

Harmonies

Analogous

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



102.6270, 52.4419, -67.2019



122.4150, 34.3054, 10.1600



121.2110, 17.1510, 52.4350

Triad

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



122.4150, 34.3054, 10.1600



115.5260, -41.1783, 47.7737



97.4730, 15.5428, -85.4838

Complementary

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



122.4150, 34.3054, 10.1600



172.5850, -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.



90.3540, -4.1185, -79.2405



122.4150, 34.3054, 10.1600



112.5040, -48.0695, 17.9750

Square

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



122.4150, 34.3054, 10.1600



116.5390, -23.9297, 68.8103



107.5730, -32.8205, -19.7965



101.7880, 34.6145, -89.2681

Rectangle

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



122.4150, 34.3054, 10.1600



117.8790, 4.0037, 69.3891



107.5730, -32.8205, -19.7965



95.0620, 8.8434, -83.3694

Sweetspot

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



122.4150, 34.3054, 10.1600



222.5780, 13.5190, 3.8781



147.7790, 21.8010, -39.2712



108.4870, 8.1409, 2.2039



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



122.4150, 34.3054, 10.1600



140.6110, 53.9288, 16.1272



135.2720, 27.9669, 36.5955



89.3360, 3.7784, 1.4593



35.0980, 62.0697, 18.3311



7.3500, 12.6454, 4.0781

Inverse Universe

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



136.2230, 12.2151, 48.9164



162.2340, 19.1116, 76.9708



159.7280, -27.9669, -36.5955



90.7880, 1.5835, 5.4479



60.1090, 22.1313, 88.4814



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 122.4150, 34.3054, 10.1600 looks on a white 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

Black Background



This preview shows how the YUV color 122.4150, 34.3054, 10.1600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

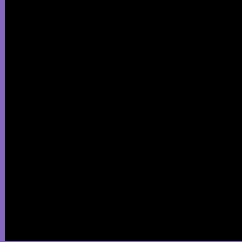
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.4150, 34.3054, 10.1600

Background



This preview shows how black text looks on a background with the YUV color 122.4150, 34.3054, 10.1600.



This preview shows how white text looks on a background with the YUV color 122.4150, 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

122.4150, 34.3054, 10.1600

Protanopia

116.2680, 43.7449, -30.9300

Deuteranopia

116.5040, 35.7405, -30.2600



Tritanopia

119.9230, 3.4890, 0.9445

Trichromacy



Original Color

122.4150, 34.3054, 10.1600

Protanomaly

118.4440, 40.2071, -16.1754

Deuteranomaly

118.7770, 35.1129, -15.5904

Tritanomaly

121.2190, 14.6820, 4.1929

Monochromacy



Original Color

122.4150, 34.3054, 10.1600

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9370, 12.3561, 3.5633

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.4150, 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(134, 103, 192)` looks like.

```
.text, #text, p{  
    color:rgb(134, 103, 192)  
}
```

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(134, 103, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 103, 192) }
```

Border

The CSS property to change the border of an element to YUV 122.4150, 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(134, 103, 192) }
```


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

```
.border{ border-color:rgb(134, 103, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 103, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 103, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 103, 192);  
box-shadow:4px 4px 4px 4px rgb(134, 103,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 122.4150, 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(134, 103, 192) }
```

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

```
.background{ background-color: rgb(134,  
103, 192) }
```

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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