

Converting Colors

YUV(121.5850, 40.1376,
52.9840)

Have a look what the booklet for
YUV(121.5850, 40.1376, 52.9840)
contains.

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Color

**YUV(121.5850, 40.1376,
52.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	B64BCB
RGB	182, 75, 203
RGB Percent	71%, 29%, 80%
CMY	0.2863, 0.7059, 0.2039
CMYK	0.10, 0.63, 0.00, 0.20
HSL	290°, 55%, 55%
HSV	290°, 63%, 80%
XYZ	32.5870, 19.2890, 58.5055
YIQ	121.5850, 22.6840, 62.4920

Conversions

Conversions Part 2

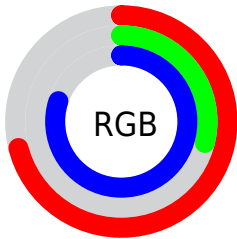
Format	Color
RYB	182, 75, 203
Decimal	11946955
CIELab	51.02, 61.05, -47.04
CIELCh	51, 77.072, 322.389
Yxy	19.2890, 0.2952, 0.1747
Android (android.graphics.Color)	4290137035 (0xFFB64BCB)
YUV	121.5850, 40.1376, 52.9840
Hunter-Lab	43.9193, 55.5836, -48.2376

Details

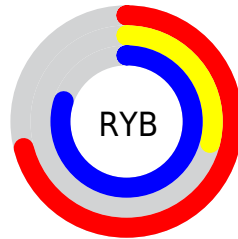
The YUV color $121.5850, 40.1376, 52.9840$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted purple. A complement of this color would be $156.4150, -40.1376, -52.9840$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.4390, 38.2376, 55.7430$, and $58.0680, 44.3365, 59.5764$ is the 20% darker color. If you saturate the color by 10%, you get $108.9480, 46.3676, 61.4356$, and if you desaturate by 10%, it is $134.2220, 33.9076, 44.5323$.

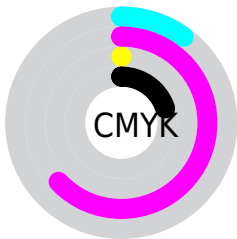
Distribution



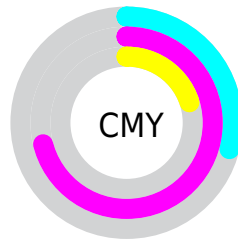
- Red (71%)
- Green (29%)
- Blue (80%)



- Red (71%)
- Yellow (29%)
- Blue (80%)



- Cyan (10%)
- Magenta (63%)
- Yellow (0%)
- Black (20%)





- Cyan (29%)
- Magenta (71%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.5850, 40.1376, 52.9840 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 121.5850, 40.1376, 52.9840 by changing the saturation by 10% instead.


 121.5850, 40.1376,
52.9840


 121.5850, 40.1376,
52.9840


255.0000, 0.0000,
0.0000


 92.9980, 40.4270,
53.4988


 177.4390, 38.2376,
55.7430


 58.0680, 44.3365,
59.5764


 198.0610, 28.0709,
49.9355

 43.2100, 38.8435,
48.0508


 214.4970, 19.9680,
35.5211

 32.1730, 31.4667,
34.0513

 231.5200, 11.5756,
20.5920

 22.2610, 24.5213,
21.6961

 248.5430, 3.1833,
5.6628

 9.0600, 19.1974,
2.5784

 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 121.5850, 40.1376,
52.9840

■ 121.5850, 40.1376,
52.9840

■ 108.9480, 46.3676,
61.4356

■ 134.2220, 33.9076,
44.5323

■ 95.4250, 53.0345,
69.7873

■ 147.7450, 27.2407,
36.1806

■ 82.7880, 59.2645,
78.2389

■ 160.3820, 21.0107,
27.7290

■ 73.9720, 63.6108,
84.2166

■ 173.0190, 14.7806,
19.2773

■ 186.5420, 8.1138,
10.9257

■ 199.1790, 1.8838,
2.4740

■ 211.8160, -4.3463,
-5.9776

■ 224.7520,
-10.7237, -13.8145

■ 236.2150,
-16.3750, -21.2366

Harmonies

Analogous

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



113.4080, 64.8749, -41.5768



121.5850, 40.1376, 52.9840



102.1440, 19.1560, 109.4987

Triad

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



121.5850, 40.1376, 52.9840



114.4700, -56.4337, 40.8068



107.4300, 30.8470, -94.2161

Complementary

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



121.5850, 40.1376, 52.9840



156.4150, -40.1376, -52.9840

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.



98.5040, 1.7235, -86.3880



121.5850, 40.1376, 52.9840



107.9710, -53.2297, -6.9906

Square

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



121.5850, 40.1376, 52.9840



110.0270, -54.2433, 85.0453



87.1330, -29.1526, -76.4156



111.4660, 56.4653, -97.7557

Rectangle

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



121.5850, 40.1376, 52.9840



97.7590, -0.3742, 120.3604



87.1330, -29.1526, -76.4156



104.9220, 21.2375, -92.0166

Sweetspot

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



121.5850, 40.1376, 52.9840



224.4320, 15.0700, 19.7921



101.9190, 49.8329, -23.6080



108.8950, 9.4188, 12.3701



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



121.5850, 40.1376, 52.9840



131.5540, 60.8589, 80.1981



122.9620, 18.2597, 70.1933



95.5320, 3.1887, 3.9184



60.4850, 52.0189, 68.8577



13.9000, 11.8813, 15.8737

Inverse Universe

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



115.6660, -9.6953, 76.5919



122.6540, -14.6194, 116.0674



155.0380, -18.2597, -70.1933



95.1040, -1.0373, 6.0478



52.7120, -12.6760, 99.3536



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 121.5850, 40.1376, 52.9840 looks on a white background.

Color Contrast Check

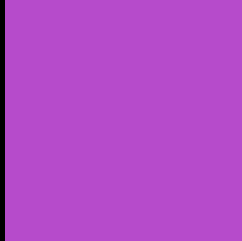
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.5850, 40.1376, 52.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

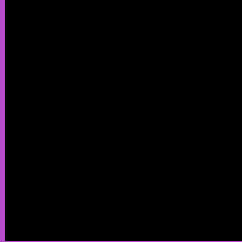
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.5850, 40.1376, 52.9840

Background



This preview shows how black text looks on a background with the YUV color 121.5850, 40.1376, 52.9840.



This preview shows how white text looks on a background with the YUV color 121.5850, 40.1376, 52.9840.

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

121.5850, 40.1376, 52.9840

Protanopia

107.3620, 67.8555, -64.3385

Deuteranopia

117.7640, 38.0773, -33.1190



Tritanopia

123.2440, -6.5293, 41.0050

Trichromacy



Original Color

121.5850, 40.1376, 52.9840



Protanomaly

112.4060, 57.9738, -21.4041



Deuteranomaly

119.1900, 38.8533, -1.9206



Tritanomaly

122.4460, 10.6261, 45.2129

Monochromacy



Original Color

121.5850, 40.1376, 52.9840



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.9050, 14.3438, 19.3773

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5850, 40.1376, 52.9840 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(182, 75, 203)` looks like.

```
.text, #text, p{  
    color:rgb(182, 75, 203)  
}
```

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(182, 75, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 75, 203) }
```

Border

The CSS property to change the border of an element to YUV 121.5850, 40.1376, 52.9840 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(182, 75, 203) }
```


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

```
.border{ border-color:rgb(182, 75, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 75, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 75, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 75, 203);  
box-shadow:4px 4px 4px 4px rgb(182, 75,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 121.5850, 40.1376, 52.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 75, 203) }
```

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

```
.background{ background-color: rgb(182, 75,  
203) }
```

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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