

Converting Colors

YUV(140.8640, 33.5910,
52.7393)

Have a look what the booklet for
YUV(140.8640, 33.5910, 52.7393)
contains.

YUV(140.8640, 33.5910, 52.7393)	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(140.8640, 33.5910,
52.7393)**

Conversions

Conversions Part 1

Format	Color
Hex	C961D1
RGB	201, 97, 209
RGB Percent	79%, 38%, 82%
CMY	0.2118, 0.6196, 0.1804
CMYK	0.04, 0.54, 0.00, 0.18
HSL	296°, 55%, 60%
HSV	296°, 54%, 82%
XYZ	39.8707, 25.5703, 63.1558
YIQ	140.8640, 26.0320, 56.8800

Conversions

Conversions Part 2

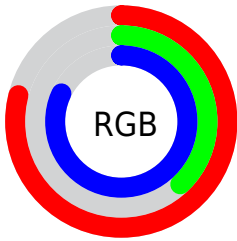
Format	Color
R _Y B	201, 97, 209
Decimal	13197777
CIE Lab	57.63, 56.93, -39.85
CIE LCh	58, 69.494, 325.009
Yxy	25.5703, 0.3100, 0.1988
Android (android.graphics.Color)	4291387857 (0xFFC961D1)
YUV	140.8640, 33.5910, 52.7393
Hunter-Lab	50.5671, 52.2496, -38.6532

Details

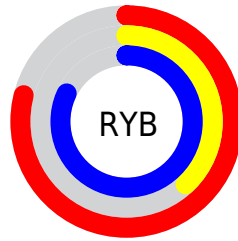
The YUV color **140.8640, 33.5910, 52.7393** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **165.1360, -33.5910, -52.7393**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5390, 29.8073, 53.0243**, and **84.6790, 34.1753, 52.0245** is the 20% darker color. If you saturate the color by 10%, you get **128.2380, 39.8157, 62.9353**, and if you desaturate by 10%, it is **153.4900, 27.3664, 42.5433**.

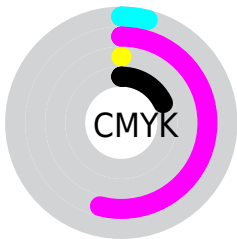
Distribution



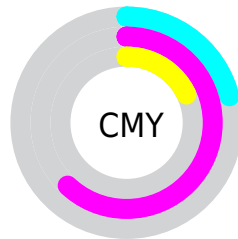
- Red (79%)
- Green (38%)
- Blue (82%)



- Red (79%)
- Yellow (38%)
- Blue (82%)



- Cyan (4%)
- Magenta (54%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (62%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8640, 33.5910, 52.7393 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 140.8640, 33.5910, 52.7393 by changing the saturation by 10% instead.

140.8640, 33.5910,
52.7393

140.8640, 33.5910,
52.7393

255.0000, 0.0000,
0.0000

113.1520, 33.4491,
51.6097

194.5390, 29.8073,
53.0243

84.6790, 34.1753,
52.0245

210.9750, 21.7043,
38.6099

49.5750, 38.6635,
59.1317

227.4110, 13.6014,
24.1956

38.5380, 31.2868,
45.1322

244.4340, 5.2090,
9.2664

27.7290, 24.7836,
30.9327

18.1160, 17.6908,
19.1923

3.6480, 13.9775,

-3.1993

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 140.8640, 33.5910,
52.7393

■ 140.8640, 33.5910,
52.7393

■ 128.2380, 39.8157,
62.9353

■ 153.4900, 27.3664,
42.5433

■ 115.3130, 46.1877,
72.5165

■ 166.4150, 20.9944,
32.9620

■ 102.6870, 52.4123,
82.7125

■ 179.0410, 14.7698,
22.7660

■ 89.7620, 58.7843,
92.2937

■ 191.9660, 8.3978,
13.1848

81.8320, 62.6938,
98.3713

204.5920, 2.1731,
2.9888

216.9300, -3.9095,
-6.0776

229.5560,
-10.1341, -16.2736

237.1980,
-13.9016, -21.2216

237.4970,
-14.0490, -20.6069

Harmonies

Analogous

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



137.0210, 55.2056, -20.1894



140.8640, 33.5910, 52.7393



131.8250, 9.4533, 94.8695

Triad

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



140.8640, 33.5910, 52.7393



129.8090, -63.9958, 39.6325



118.8740, 34.0791, -104.2525

Complementary

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



140.8640, 33.5910, 52.7393



165.1360, -33.5910, -52.7393

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.



111.2190, 7.2870, -97.5391



140.8640, 33.5910, 52.7393



123.0330, -60.6553, -5.2909

Square

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



140.8640, 33.5910, 52.7393



132.2800, -47.9590, 76.0534



101.1020, -18.7843, -88.6665



121.6390, 57.3660, -106.6774

Rectangle

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



140.8640, 33.5910, 52.7393



129.6460, -9.1925, 102.0425



101.1020, -18.7843, -88.6665



116.5940, 25.3432, -102.2529

Sweetspot

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



140.8640, 33.5910, 52.7393



230.0360, 12.3073, 19.2624



115.0510, 46.3169, -15.8307



112.7270, 7.5296, 11.6404



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.



140.8640, 33.5910, 52.7393



155.7310, 48.9396, 76.5349



137.8980, 11.8823, 62.3565



98.2440, 3.3307, 5.0480



65.7960, 50.3866, 79.1089



16.0360, 12.3073, 19.2624

Inverse Universe

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



131.4000, -13.0152, 68.0552



141.9910, -19.2226, 99.1089



168.1020, -11.8823, -62.3565



97.4030, -1.1847, 6.6626



51.6000, -19.5228, 102.0828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 140.8640, 33.5910, 52.7393 looks on a white background.

Color Contrast Check

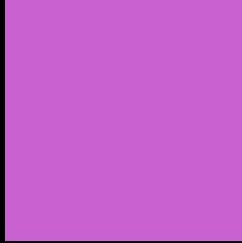
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.8640, 33.5910, 52.7393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

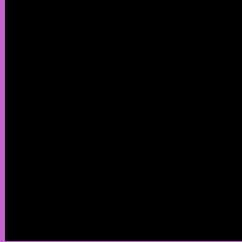
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.8640, 33.5910, 52.7393

Background



This preview shows how black text looks on a background with the YUV color 140.8640, 33.5910, 52.7393.



This preview shows how white text looks on a background with the YUV color 140.8640, 33.5910,

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

140.8640, 33.5910, 52.7393

Protanopia

133.8570, 53.8075, -38.4626

Deuteranopia

137.8210, 31.6402, -21.7680



Tritanopia

140.8530, -6.8295, 43.9789

Trichromacy



Original Color

140.8640, 33.5910, 52.7393

Protanomaly

136.2310, 46.7211, -5.4646

Deuteranomaly

138.9260, 32.5745, 5.3269

Tritanomaly

140.7730, 7.9999, 47.5571

Monochromacy



Original Color

140.8640, 33.5910, 52.7393

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.0360, 12.3073, 19.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8640, 33.5910, 52.7393 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(201, 97, 209)` looks like.

```
.text, #text, p{  
    color:rgb(201, 97, 209)  
}
```

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(201, 97, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 97, 209) }
```

Border

The CSS property to change the border of an element to YUV 140.8640, 33.5910, 52.7393 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(201, 97, 209) }
```


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

```
.border{ border-color:rgb(201, 97, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 97, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 97, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 97, 209);  
box-shadow:4px 4px 4px 4px rgb(201, 97,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 140.8640, 33.5910, 52.7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 97, 209) }
```

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

```
.background{ background-color: rgb(201, 97,  
209) }
```

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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