

Converting Colors

YUV(141.9200, 38.4934,
20.2412)

Have a look what the booklet for
YUV(141.9200, 38.4934, 20.2412)
contains.

YUV(141.9200, 38.4934, 20.2412)	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(141.9200, 38.4934,
20.2412)**

Conversions

Conversions Part 1

Format	Color
Hex	A573DC
RGB	165, 115, 220
RGB Percent	65%, 45%, 86%
CMY	0.3529, 0.5490, 0.1373
CMYK	0.25, 0.48, 0.00, 0.14
HSL	269°, 60%, 66%
HSV	269°, 48%, 86%
XYZ	34.5661, 25.4281, 70.7964
YIQ	141.9200, -3.9050, 43.2550

Conversions

Conversions Part 2

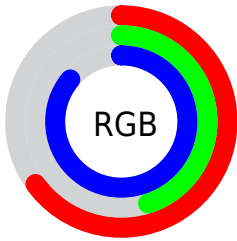
Format	Color
R_{YB}	165, 115, 220
Decimal	10843100
CIE _{Lab}	57.49, 40.13, -46.56
CIE _{LCh}	57, 61.465, 310.756
Yxy	25.4281, 0.2643, 0.1944
Android (android.graphics.Color)	4289033180 (0xFFA573DC)
YUV	141.9200, 38.4934, 20.2412
Hunter-Lab	50.4263, 34.1116, -47.9423

Details

The YUV color $141.9200, 38.4934, 20.2412$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $193.0800, -38.4934, -20.2412$, and the grayscale version is $142.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $194.0640, 30.0414, 24.4999$, and $89.7410, 36.6097, 17.7671$ is the 20% darker color. If you saturate the color by 10%, you get $125.4180, 46.6289, 24.1894$, and if you desaturate by 10%, it is $158.4220, 30.3580, 16.2929$.

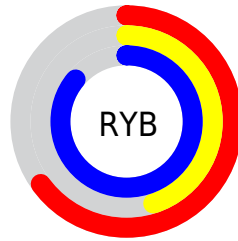
Distribution



Red (65%)

Green (45%)

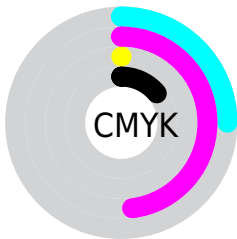
Blue (86%)



Red (65%)

Yellow (45%)

Blue (86%)

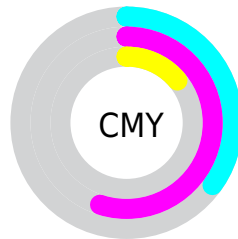


Cyan (25%)

Magenta (48%)

Yellow (0%)

Black (14%)



Cyan (35%)

Magenta (55%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.9200, 38.4934, 20.2412 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 141.9200, 38.4934, 20.2412 by changing the saturation by 10% instead.

■ 141.9200, 38.4934,
20.2412

■ 141.9200, 38.4934,
20.2412

255.0000, 0.0000,
0.0000

■ 115.6810, 37.6253,
18.6968

■ 194.0640, 30.0414,
24.4999

■ 89.7410, 36.6097,
17.7671

■ 219.1710, 17.6637,
27.9140

■ 64.9150, 36.0309,
16.7375

■ 236.8030, 8.9711,
15.9588

■ 39.2030, 35.8889,
15.6080

253.8260, 0.5788,
1.0296

■ 18.5890, 33.7266,
9.1304

■ 7.1820, 27.5183,
-6.2986

■ 6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 141.9200, 38.4934,
20.2412

■ 141.9200, 38.4934,
20.2412

■ 125.4180, 46.6289,
24.1894

■ 158.4220, 30.3580,
16.2929

■ 109.2150, 54.6170,
28.7524

■ 174.6250, 22.3699,
11.7299

■ 92.7130, 62.7525,
32.7007

■ 191.1270, 14.2344,
7.7816

■ 76.5100, 70.7406,
37.2637

■ 207.3300, 6.2463,
3.2186

60.0080, 78.8761,
41.2120

223.8320, -1.8892,
-0.7297

56.4750, 80.6178,
42.5564

240.0350, -9.8773,
-5.2927

248.3190,
-13.9613, -2.0338

251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



124.6690, 58.8302, -62.8537



141.9200, 38.4934, 20.2412



138.8370, 17.8284, 68.5490

Triad

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



141.9200, 38.4934, 20.2412



132.9860, -52.2511, 52.6323



113.5790, 21.4066, -99.6088

Complementary

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



141.9200, 38.4934, 20.2412



193.0800, -38.4934, -20.2412

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.



106.0210, -2.4754, -92.9804



141.9200, 38.4934, 20.2412



128.1050, -59.7048, 16.5709

Square

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



141.9200, 38.4934, 20.2412



133.6560, -31.3824, 79.2317



121.9970, -35.9875, -30.6924



118.1050, 43.8252, -103.5781

Rectangle

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



141.9200, 38.4934, 20.2412



134.5220, 2.2077, 85.4882



121.9970, -35.9875, -30.6924



111.4130, 13.1074, -97.7092

Sweetspot

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



141.9200, 38.4934, 20.2412



228.1870, 13.2188, 6.8520



159.8420, 29.6579, -39.3264



111.4980, 8.1355, 3.9483



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.



141.9200, 38.4934, 20.2412



147.1610, 53.1646, 27.9228



157.4680, 30.8283, 52.2096



101.7490, 4.0677, 1.9741



44.5390, 63.3313, 33.7303



11.8220, 16.8498, 8.9261

Inverse Universe

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



152.6650, 8.5462, 59.0528



162.0190, 11.8226, 81.5443



177.5320, -30.8283, -52.2096



102.8590, 0.5625, 6.2627



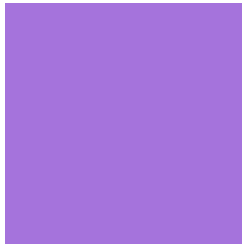
62.1010, 14.2472, 97.2584



16.4900, 3.7024, 25.8803

Previews

White Background



This preview shows how the YUV color 141.9200, 38.4934, 20.2412 looks on a white background.

Color Contrast Check

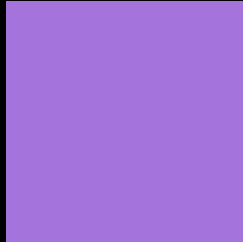
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.9200, 38.4934, 20.2412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

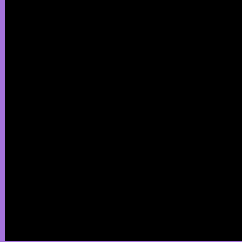
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 141.9200, 38.4934, 20.2412

Background



This preview shows how black text looks on a background with the YUV color 141.9200, 38.4934, 20.2412.



This preview shows how white text looks on a background with the YUV color 141.9200, 38.4934,

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

141.9200, 38.4934, 20.2412

Protanopia

134.1840, 51.1813, -36.1184

Deuteranopia

134.8180, 39.5297, -32.2894



Tritanopia

139.5220, 1.7147, 10.0662

Trichromacy



Original Color

141.9200, 38.4934, 20.2412

Protanomaly

137.0510, 46.3169, -15.8307

Deuteranomaly

137.5260, 39.1807, -13.6163

Tritanomaly

140.1000, 15.2337, 13.9443

Monochromacy



Original Color

141.9200, 38.4934, 20.2412

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.7140, 13.9450, 7.2668

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.9200, 38.4934, 20.2412 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(165, 115, 220)` looks like.

```
.text, #text, p{  
    color:rgb(165, 115, 220)  
}
```

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(165, 115, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 115, 220) }
```

Border

The CSS property to change the border of an element to YUV 141.9200, 38.4934, 20.2412 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(165, 115, 220) }
```


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

```
.border{ border-color:rgb(165, 115, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 115, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 115, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 115, 220); box-shadow:4px 4px 4px 4px rgb(165, 115, 220) }
```

Background

The CSS property to change the background color of an element to YUV 141.9200, 38.4934, 20.2412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 115, 220) }
```

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

```
.background{ background-color: rgb(165,  
115, 220) }
```

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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