

Converting Colors

YUV(113.1420, 21.6220,
18.2925)

Have a look what the booklet for
YUV(113.1420, 21.6220, 18.2925)
contains.

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Color

**YUV(113.1420, 21.6220,
18.2925)**

Conversions

Conversions Part 1

Format	Color
Hex	865E9D
RGB	134, 94, 157
RGB Percent	53%, 37%, 62%
CMY	0.4745, 0.6314, 0.3843
CMYK	0.15, 0.40, 0.00, 0.38
HSL	278°, 25%, 49%
HSV	278°, 40%, 62%
XYZ	19.9200, 15.5081, 33.8417
YIQ	113.1420, 3.6170, 28.0730

Conversions

Conversions Part 2

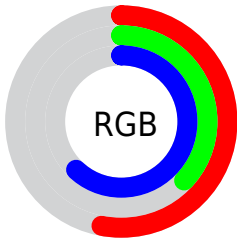
Format	Color
RYB	134, 94, 157
Decimal	8806045
CIELab	46.32, 28.37, -28.02
CIELCh	46, 39.875, 315.350
Yxy	15.5081, 0.2876, 0.2239
Android (android.graphics.Color)	4286996125 (0xFF865E9D)
YUV	113.1420, 21.6220, 18.2925
Hunter-Lab	39.3803, 21.3765, -23.3851

Details

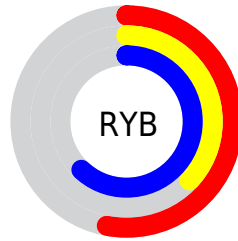
The YUV color **113.1420, 21.6220, 18.2925** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **137.8580, -21.6220, -18.2925**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4950, 22.9270, 19.7369**, and **64.3760, 20.0276, 16.3332** is the 20% darker color. If you saturate the color by 10%, you get **101.9560, 27.1367, 22.8406**, and if you desaturate by 10%, it is **124.3280, 16.1073, 13.7443**.

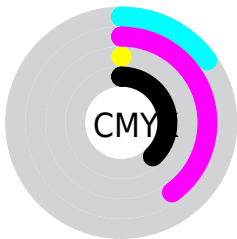
Distribution



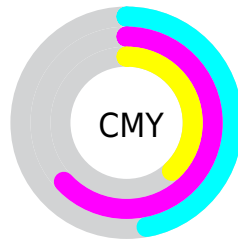
- Red (53%)
- Green (37%)
- Blue (62%)



- Red (53%)
- Yellow (37%)
- Blue (62%)



- Cyan (15%)
- Magenta (40%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (63%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1420, 21.6220, 18.2925 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 113.1420, 21.6220, 18.2925 by changing the saturation by 10% instead.

■ 113.1420, 21.6220,
18.2925

■ 113.1420, 21.6220,
18.2925

■ 255.0000, 0.0000,
0.0000

■ 88.3160, 21.0432,
17.2629

■ 165.4950, 22.9270,
19.7369

■ 64.3760, 20.0276,
16.3332

■ 192.9080, 23.2164,
20.2517

■ 40.9630, 19.7382,
15.8184

■ 219.1380, 17.6800,
22.6810

■ 18.2510, 19.5963,
14.6889

■ 239.1510, 7.8136,
13.8996

■ 5.8980, 14.8403,
0.0895

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 113.1420, 21.6220,
18.2925

■ 113.1420, 21.6220,
18.2925

■ 101.9560, 27.1367,
22.8406

■ 124.3280, 16.1073,
13.7443

■ 91.6560, 32.2146,
27.4887

■ 134.6280, 11.0294,
9.0962

■ 80.4700, 37.7293,
32.0368

■ 145.8140, 5.5147,
4.5481

■ 69.2840, 43.2440,
36.5849

■ 157.0000, 0.0000,
0.0000

■ 58.0980, 48.7587,
41.1331

■ 168.1860, -5.5147,
-4.5481

■ 47.7980, 53.8366,
45.7812

■ 178.4860,
-10.5926, -9.1962

■ 189.6720,
-16.1073, -13.7443

■ 200.8580,
-21.6220, -18.2925

■ 211.4570,
-26.8473, -22.3258

Harmonies

Analogous

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



107.4620, 32.8032, -21.4532



113.1420, 21.6220, 18.2925



112.0500, 7.8634, 44.6832

Triad

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



113.1420, 21.6220, 18.2925



107.5330, -31.8148, 31.1046



88.3260, 18.5733, -77.4619

Complementary

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



113.1420, 21.6220, 18.2925



137.8580, -21.6220, -18.2925

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.



83.8630, 4.0115, -73.5479



113.1420, 21.6220, 18.2925



104.6070, -30.8653, 6.4837

Square

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



113.1420, 21.6220, 18.2925



109.1620, -22.2649, 48.0929



100.1070, -19.2798, -22.8958



90.5720, 32.2560, -79.4316

Rectangle

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



113.1420, 21.6220, 18.2925



110.6460, -2.7835, 52.9305



100.1070, -19.2798, -22.8958



87.0720, 13.7685, -76.3621

Sweetspot

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



113.1420, 21.6220, 18.2925



187.2210, 8.2720, 6.8222



114.6830, 20.8623, -18.1390



92.2870, 4.7885, 4.1333



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



113.1420, 21.6220, 18.2925



135.7100, 33.6670, 28.3183



119.1070, 14.7372, 33.2322



73.4070, 2.7573, 2.2741



43.5110, 49.0481, 41.6479



4.7000, 5.0779, 4.6481

Inverse Universe

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



115.4590, 0.7597, 36.4315



139.4060, 1.2788, 56.6489



131.8930, -14.7372, -33.2322



73.7340, 0.1311, 4.6183



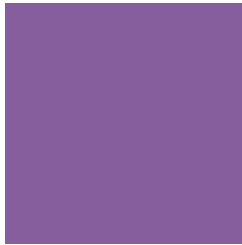
48.6850, 1.6343, 82.7143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 113.1420, 21.6220, 18.2925 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 113.1420, 21.6220, 18.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

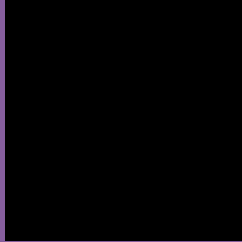
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.1420, 21.6220, 18.2925

Background



This preview shows how black text looks on a background with the YUV color 113.1420, 21.6220, 18.2925.



This preview shows how white text looks on a background with the YUV color 113.1420, 21.6220,

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

113.1420, 21.6220, 18.2925

Protanopia

108.9740, 29.5928, -18.3942

Deuteranopia

109.9440, 21.7196, -13.1059



Tritanopia

111.7890, 0.1040, 13.3400

Trichromacy



Original Color

113.1420, 21.6220, 18.2925

Protanomaly

110.6660, 26.7867, -4.9691

Deuteranomaly

111.3090, 21.5397, -2.0250

Tritanomaly

112.1620, 7.8081, 15.6439

Monochromacy



Original Color

113.1420, 21.6220, 18.2925

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1070, 7.8352, 6.9222

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1420, 21.6220, 18.2925 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, 94, 157)` looks like.

```
.text, #text, p{  
    color:rgb(134, 94, 157)  
}
```

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, 94, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 94, 157) }
```

Border

The CSS property to change the border of an element to YUV 113.1420, 21.6220, 18.2925 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, 94, 157) }
```


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

```
.border{ border-color:rgb(134, 94, 157) }
```

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

Here you see how a box with a 4 pixel rgb(134, 94, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 94, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 94, 157);  
box-shadow:4px 4px 4px 4px rgb(134, 94,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 113.1420, 21.6220, 18.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 94, 157) }
```

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

```
.background{ background-color: rgb(134, 94,  
157) }
```

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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