

Converting Colors

YUV(128.7520, 36.6043,
19.5115)

Have a look what the booklet for
YUV(128.7520, 36.6043, 19.5115)
contains.

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Color

**YUV(128.7520, 36.6043,
19.5115)**

Conversions

Conversions Part 1

Format	Color
Hex	9767CB
RGB	151, 103, 203
RGB Percent	59%, 40%, 80%
CMY	0.4078, 0.5961, 0.2039
CMYK	0.26, 0.49, 0.00, 0.20
HSL	269°, 49%, 60%
HSV	269°, 49%, 80%
XYZ	28.3922, 20.5916, 58.9781
YIQ	128.7520, -3.4920, 41.2760

Conversions

Conversions Part 2

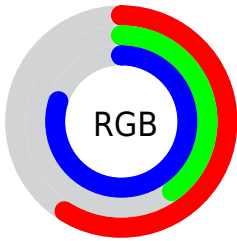
Format	Color
RYB	151, 103, 203
Decimal	9922507
CIELab	52.50, 38.98, -44.93
CIELCh	52, 59.483, 310.946
Yxy	20.5916, 0.2630, 0.1907
Android (android.graphics.Color)	4288112587 (0xFF9767CB)
YUV	128.7520, 36.6043, 19.5115
Hunter-Lab	45.3780, 32.2730, -45.2950

Details

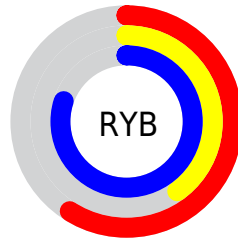
The YUV color **128.7520, 36.6043, 19.5115** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **177.2480, -36.6043, -19.5115**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9480, 36.0146, 21.9706**, and **77.5730, 34.7205, 17.0375** is the 20% darker color. If you saturate the color by 10%, you get **113.7230, 44.0136, 23.0449**, and if you desaturate by 10%, it is **143.7810, 29.1950, 15.9781**.

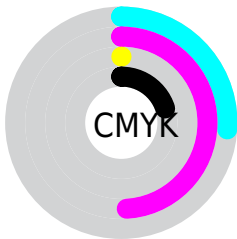
Distribution



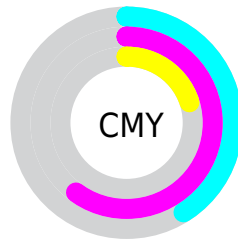
- Red (59%)
- Green (40%)
- Blue (80%)



- Red (59%)
- Yellow (40%)
- Blue (80%)



- Cyan (26%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (41%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.7520, 36.6043, 19.5115 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 128.7520, 36.6043, 19.5115 by changing the saturation by 10% instead.

128.7520, 36.6043,
19.5115

128.7520, 36.6043,
19.5115

255.0000, 0.0000,
0.0000

102.8120, 35.5887,
18.5819

181.9480, 36.0146,
21.9706

77.5730, 34.7205,
17.0375

206.4680, 23.9263,
25.8996

52.7470, 34.1417,
16.0079

228.5850, 13.0226,
23.1660

26.5620, 34.7259,
15.2931

245.6080, 4.6303,
8.2368

13.5900, 28.7961,
3.8676

5.5860, 21.4031,
-4.8989

3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 128.7520, 36.6043,
19.5115

■ 128.7520, 36.6043,
19.5115

■ 113.7230, 44.0136,
23.0449

■ 143.7810, 29.1950,
15.9781

■ 98.4060, 51.5648,
27.7079

■ 159.0980, 21.6437,
11.3151

■ 83.3770, 58.9741,
31.2414

■ 174.1270, 14.2344,
7.7816

■ 68.6470, 66.2360,
35.3896

■ 188.8570, 6.9725,
3.6334

■ 53.6180, 73.6453,
38.9230

■ 204.4730, -0.7262,
-0.4148

■ 52.1450, 74.3715,
39.3378

■ 219.2030, -7.9881,
-4.5630

■ 234.2320,
-15.3974, -8.0965

■ 243.0920,
-19.7654, -7.0967

■ 246.3810,
-21.3868, -0.3341

Harmonies

Analogous

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



110.8000, 56.7936, -62.9686



128.7520, 36.6043, 19.5115



125.0000, 17.2550, 65.7750

Triad

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



128.7520, 36.6043, 19.5115



119.6050, -51.0773, 49.4584



103.7650, 19.3429, -91.0019

Complementary

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



128.7520, 36.6043, 19.5115



177.2480, -36.6043, -19.5115

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.



96.5490, -3.2287, -84.6735



128.7520, 36.6043, 19.5115



115.4900, -56.9366, 15.3563

Square

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



128.7520, 36.6043, 19.5115



120.6770, -29.9138, 74.8283



110.0510, -34.5351, -29.8627



108.0630, 40.8879, -94.7713

Rectangle

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



128.7520, 36.6043, 19.5115



121.2010, 2.3659, 81.3847



110.0510, -34.5351, -29.8627



101.7130, 11.4805, -89.2023

Sweetspot

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



128.7520, 36.6043, 19.5115



226.7140, 13.9450, 7.2668



145.5110, 28.3421, -37.2821



110.9110, 8.4249, 4.4631



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.



128.7520, 36.6043, 19.5115



143.6280, 54.9064, 29.2672



143.4030, 29.3813, 49.6356



94.6350, 3.6309, 2.0741



42.8440, 60.7159, 32.5858



9.7140, 13.9450, 7.2668

Inverse Universe

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



138.8280, 7.9728, 56.2788



158.7420, 11.9592, 84.4183



162.5970, -29.3813, -49.6356



95.5600, 0.7099, 5.6479



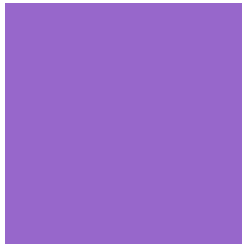
59.4380, 13.0951, 93.4549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 128.7520, 36.6043, 19.5115 looks on a white background.

Color Contrast Check

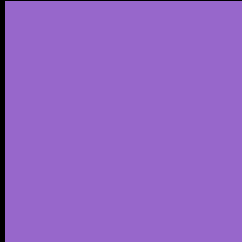
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.7520, 36.6043, 19.5115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

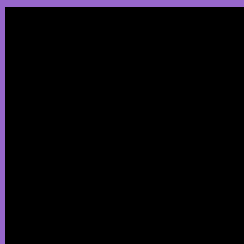
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.7520, 36.6043, 19.5115

Background



This preview shows how black text looks on a background with the YUV color 128.7520, 36.6043, 19.5115.



This preview shows how white text looks on a background with the YUV color 128.7520, 36.6043,

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

128.7520, 36.6043, 19.5115

Protanopia

120.7280, 49.4341, -35.7185

Deuteranopia

121.9490, 37.4931, -32.4043



Tritanopia

126.5220, 1.7147, 10.0662

Trichromacy



Original Color

128.7520, 36.6043, 19.5115

Protanomaly

123.5950, 44.5697, -15.4308

Deuteranomaly

124.6570, 37.1441, -13.7312

Tritanomaly

127.5730, 14.5075, 13.5295

Monochromacy



Original Color

128.7520, 36.6043, 19.5115

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1870, 13.2188, 6.8520

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.7520, 36.6043, 19.5115 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(151, 103, 203)` looks like.

```
.text, #text, p{  
    color:rgb(151, 103, 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(151, 103, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 103, 203) }
```

Border

The CSS property to change the border of an element to YUV 128.7520, 36.6043, 19.5115 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(151, 103, 203) }
```


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

```
.border{ border-color:rgb(151, 103, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 103, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 103, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 103, 203);  
box-shadow:4px 4px 4px 4px rgb(151, 103,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 128.7520, 36.6043, 19.5115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 103, 203) }
```

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

```
.background{ background-color: rgb(151,  
103, 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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