

Converting Colors

YUV(121.5320, 26.8527,
20.5814)

Have a look what the booklet for
YUV(121.5320, 26.8527, 20.5814)
contains.

YUV(121.5320, 26.8527, 20.5814)	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(121.5320, 26.8527,
20.5814)**

Conversions

Conversions Part 1

Format	Color
Hex	9163B0
RGB	145, 99, 176
RGB Percent	57%, 39%, 69%
CMY	0.4314, 0.6118, 0.3098
CMYK	0.18, 0.44, 0.00, 0.31
HSL	276°, 33%, 54%
HSV	276°, 44%, 69%
XYZ	23.9754, 18.0780, 43.3001
YIQ	121.5320, 2.6990, 33.6990

Conversions

Conversions Part 2

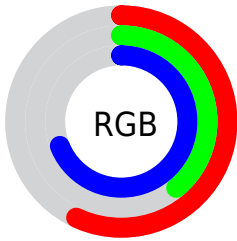
Format	Color
R_{YB}	145, 99, 176
Decimal	9528240
CIE _{Lab}	49.59, 33.20, -33.99
CIE _{LCh}	50, 47.515, 314.331
Yxy	18.0780, 0.2809, 0.2118
Android (android.graphics.Color)	4287718320 (0xFF9163B0)
YUV	121.5320, 26.8527, 20.5814
Hunter-Lab	42.5182, 26.2464, -30.6174

Details

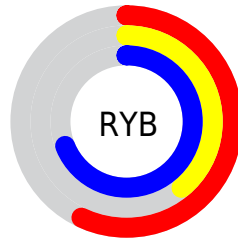
The YUV color **121.5320, 26.8527, 20.5814** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **153.4680, -26.8527, -20.5814**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8850, 28.1577, 22.0259**, and **71.7660, 25.2584, 18.6222** is the 20% darker color. If you saturate the color by 10%, you get **108.8730, 33.0936, 25.5444**, and if you desaturate by 10%, it is **134.1910, 20.6118, 15.6185**.

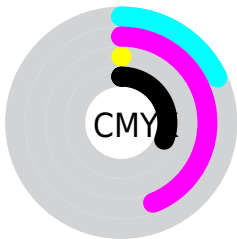
Distribution



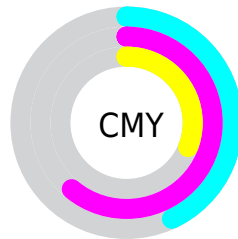
- Red (57%)
- Green (39%)
- Blue (69%)



- Red (57%)
- Yellow (39%)
- Blue (69%)



- Cyan (18%)
- Magenta (44%)
- Yellow (0%)
- Black (31%)



- Cyan (43%)
- Magenta (61%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5320, 26.8527, 20.5814 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 121.5320, 26.8527, 20.5814 by changing the saturation by 10% instead.

■ 121.5320, 26.8527,
20.5814

■ 121.5320, 26.8527,
20.5814

■ 255.0000, 0.0000,
0.0000

■ 95.7060, 26.2739,
19.5518

■ 174.8850, 28.1577,
22.0259

■ 71.7660, 25.2584,
18.6222

■ 202.0270, 26.1157,
23.6553

■ 47.0540, 25.1164,
17.4926

■ 225.6500, 14.4696,
25.7400

■ 23.0540, 25.1164,
17.4926

■ 242.6730, 6.0772,
10.8108

■ 13.2890, 18.5915,
10.2705

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

121.5320, 26.8527,
20.5814

121.5320, 26.8527,
20.5814

108.8730, 33.0936,
25.5444

134.1910, 20.6118,
15.6185

96.8010, 39.0451,
29.9925

146.2630, 14.6603,
11.1703

84.1420, 45.2860,
34.9555

158.9220, 8.4195,
6.2074

72.0700, 51.2375,
39.4036

170.9940, 2.4680,
1.7593

59.4110, 57.4784,
44.3666

183.6530, -3.7729,
-3.2037

51.4590, 61.3987,
46.9555

196.6110,
-10.1612, -7.5518

■ 208.6830,
-16.1127, -12.0000

■ 221.3420,
-22.3536, -16.9629

■ 232.2400,
-27.7263, -20.3815

Harmonies

Analogous

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



114.0570, 40.3979, -30.7450



121.5320, 26.8527, 20.5814



119.5010, 10.5990, 53.9346

Triad

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



121.5320, 26.8527, 20.5814



114.4430, -38.6724, 37.3225



96.6240, 19.9054, -84.7392

Complementary

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



121.5320, 26.8527, 20.5814



153.4680, -26.8527, -20.5814

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.



90.6620, 2.1386, -79.5106



121.5320, 26.8527, 20.5814



111.5550, -38.7276, 8.2833

Square

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



121.5320, 26.8527, 20.5814



115.6040, -25.9338, 58.2293



105.8200, -24.0683, -27.0291



98.9670, 36.4983, -86.7941

Rectangle

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



121.5320, 26.8527, 20.5814



117.6520, -1.8004, 64.3262



105.8200, -24.0683, -27.0291



94.4410, 14.0796, -82.8248

Sweetspot

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



121.5320, 26.8527, 20.5814



208.5030, 10.5980, 7.4519



126.5620, 24.3729, -24.1719



101.4550, 6.6777, 4.8630



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



121.5320, 26.8527, 20.5814



143.7350, 42.5286, 32.6814



130.1170, 19.6623, 40.2394



82.8200, 3.0467, 2.7889



44.6510, 53.4161, 40.6481



7.4490, 9.1456, 6.6222

Inverse Universe

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



125.5570, 2.1904, 44.2385



150.0640, 3.4194, 70.1039



144.8830, -19.6623, -40.2394



83.1470, 0.4205, 5.1331



52.8150, 4.5282, 87.8622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 121.5320, 26.8527, 20.5814 looks on a white background.

Color Contrast Check

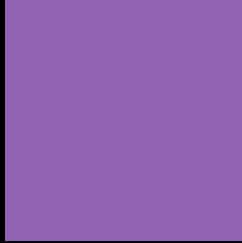
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.5320, 26.8527, 20.5814 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 121.5320, 26.8527, 20.5814

Background



This preview shows how black text looks on a background with the YUV color 121.5320, 26.8527, 20.5814.



This preview shows how white text looks on a background with the YUV color 121.5320, 26.8527, 20.5814.

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

121.5320, 26.8527, 20.5814

Protanopia

116.3630, 36.3030, -23.9974

Deuteranopia

116.9910, 27.1194, -18.4091



Tritanopia

119.5010, 0.2460, 14.4696

Trichromacy



Original Color

121.5320, 26.8527, 20.5814

Protanomaly

118.2510, 32.9073, -8.1131

Deuteranomaly

118.3780, 26.9286, -3.8395

Tritanomaly

120.3300, 9.6973, 16.3736

Monochromacy



Original Color

121.5320, 26.8527, 20.5814

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9760, 9.8718, 7.0370

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5320, 26.8527, 20.5814 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(145, 99, 176)` looks like.

```
.text, #text, p{  
    color:rgb(145, 99, 176)  
}
```

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(145, 99, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 99, 176) }
```

Border

The CSS property to change the border of an element to YUV 121.5320, 26.8527, 20.5814 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(145, 99, 176) }
```


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

```
.border{ border-color:rgb(145, 99, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 99, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 99, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 99, 176); box-shadow:4px 4px 4px 4px rgb(145, 99, 176) }
```

Background

The CSS property to change the background color of an element to YUV 121.5320, 26.8527, 20.5814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 99, 176) }
```

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

```
.background{ background-color: rgb(145, 99,  
176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor