

Converting Colors

YUV(82.0920, 21.1536, 75.3413)

Have a look what the booklet for
YUV(82.0920, 21.1536, 75.3413)
contains.

YUV(82.0920, 21.1536, 75.3413)	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(82.0920, 21.1536,
75.3413)**

Conversions

Conversions Part 1

Format	Color
Hex	A81E7D
RGB	168, 30, 125
RGB Percent	66%, 12%, 49%
CMY	0.3412, 0.8824, 0.5098
CMYK	0.00, 0.82, 0.26, 0.34
HSL	319°, 70%, 39%
HSV	319°, 82%, 66%
XYZ	20.3144, 10.7340, 20.4032
YIQ	82.0920, 51.7530, 58.8010

Conversions

Conversions Part 2

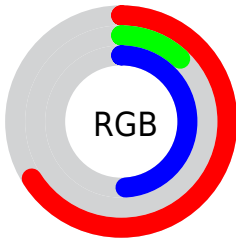
Format	Color
R_{YB}	168, 30, 125
Decimal	11017853
CIE _{Lab}	39.13, 61.32, -19.40
CIE _{LCh}	39, 64.316, 342.445
Yxy	10.7340, 0.3948, 0.2086
Android (android.graphics.Color)	4289207933 (0xFFA81E7D)
YUV	82.0920, 21.1536, 75.3413
Hunter-Lab	32.7629, 53.3428, -13.9891

Details

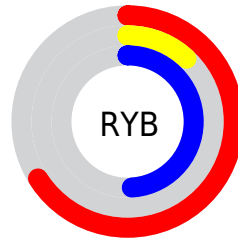
The YUV color **82.0920, 21.1536, 75.3413** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **115.9080, -21.1536, -75.3413**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1690, 17.6647, 74.3968**, and **41.8530, 16.8345, 60.6419** is the 20% darker color. If you saturate the color by 10%, you get **71.5430, 23.8893, 84.5928**, and if you desaturate by 10%, it is **92.6410, 18.4180, 66.0898**.

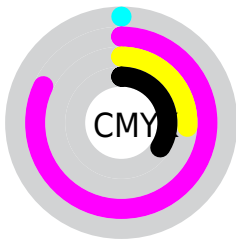
Distribution



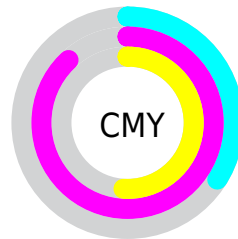
- Red (66%)
- Green (12%)
- Blue (49%)



- Red (66%)
- Yellow (12%)
- Blue (49%)



- Cyan (0%)
- Magenta (82%)
- Yellow (26%)
- Black (34%)





- Cyan (34%)
- Magenta (88%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.0920, 21.1536, 75.3413 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 82.0920, 21.1536, 75.3413 by changing the saturation by 10% instead.


 82.0920, 21.1536,
75.3413


 82.0920, 21.1536,
75.3413


255.0000, 0.0000,
0.0000


 52.9610, 23.1902,
75.4562

 142.1690, 17.6647,
74.3968


 41.8530, 16.8345,
60.6419


 170.0550, 17.2279,
74.4968


 31.1580, 10.7681,
46.3424

 189.7970, 21.7921,
57.1830

 21.2890, 5.2805,
33.0725

 209.2140, 22.5725,
40.1543

 8.3010, -3.1064,
16.3990

 226.2370, 14.1802,
25.2252

 0.0000, 0.0000,
0.0000

 243.2600, 5.7878,

10.2960

■ 82.0920, 21.1536,
75.3413

■ 82.0920, 21.1536,
75.3413

■ 71.5430, 23.8893,
84.5928

■ 92.6410, 18.4180,
66.0898

■ 63.4560, 25.9042,
91.6851

■ 103.1900, 15.6823,
56.8384

■ 113.2660, 13.6729,
48.0017

■ 123.8150, 10.9372,
38.7502

■ 134.3640, 8.2015,
29.4988

■ 144.9130, 5.4659,
20.2473

■ 155.5760, 3.1670,
10.8958

■ 165.5380, 0.7208,
2.1592

■ 176.0870, -2.0149,
-7.0923

Harmonies

Analogous

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



93.7030, 37.6144, 22.1855



82.0920, 21.1536, 75.3413



71.5450, 0.7173, 96.8690

Triad

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



82.0920, 21.1536, 75.3413



84.7460, -41.7798, 7.2388



84.7990, 38.0601, -74.3687

Complementary

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



82.0920, 21.1536, 75.3413



115.9080, -21.1536, -75.3413

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.



79.8000, 16.3676, -69.9846



82.0920, 21.1536, 75.3413



69.3870, -34.2078, -41.5584

Square

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



82.0920, 21.1536, 75.3413



86.7490, -42.7673, 44.0701



72.3560, -7.0775, -63.4562



84.8110, 53.3372, -74.3792

Rectangle

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



82.0920, 21.1536, 75.3413



79.3760, -19.9054, 84.7392



72.3560, -7.0775, -63.4562



83.6760, 31.2187, -73.3839

Sweetspot

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



82.0920, 21.1536, 75.3413



184.7770, 8.4909, 30.0136



57.9910, 54.2344, 11.4089



89.3750, 4.7451, 18.0881



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



82.0920, 21.1536, 75.3413



83.9830, 33.5324, 118.4099



74.4540, -8.1118, 82.0398



79.0760, 1.4415, 4.3183



55.8800, 22.7372, 80.7892



7.5760, 3.1670, 10.8958

Inverse Universe

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



82.0920, 21.1536, 75.3413



83.9830, 33.5324, 118.4099



123.5460, 8.1118, -82.0398



79.0760, 1.4415, 4.3183



55.8800, 22.7372, 80.7892



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 82.0920, 21.1536, 75.3413 looks on a white background.

Color Contrast Check

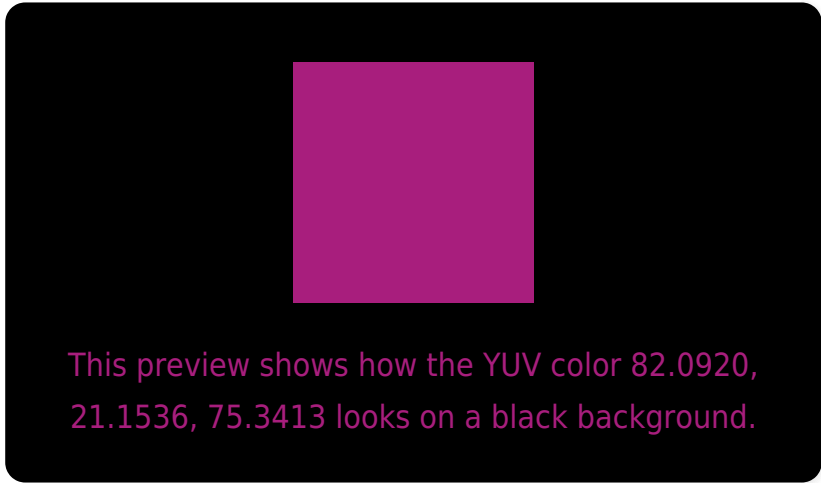
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

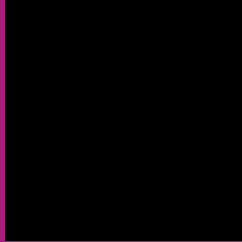
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.0920, 21.1536, 75.3413

Background



This preview shows how black text looks on a background with the YUV color 82.0920, 21.1536, 75.3413.



This preview shows how white text looks on a background with the YUV color 82.0920, 21.1536,

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

82.0920, 21.1536, 75.3413

Protanopia

89.0570, 40.3979, -30.7450

Deuteranopia

94.2520, 11.2148, -3.7290



Tritanopia

87.6340, -14.6096, 66.0960

Trichromacy



Original Color

82.0920, 21.1536, 75.3413

Protanomaly

86.4640, 33.2952, 7.4861

Deuteranomaly

89.4650, 15.0538, 25.0252

Tritanomaly

85.6850, -1.8167, 69.5593

Monochromacy



Original Color

82.0920, 21.1536, 75.3413

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9400, 7.9176, 27.2396

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0920, 21.1536, 75.3413 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(168, 30, 125)` looks like.

```
.text, #text, p{  
  color:rgb(168, 30, 125)  
}
```

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(168, 30, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 30, 125) }
```

Border

The CSS property to change the border of an element to YUV 82.0920, 21.1536, 75.3413 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(168, 30, 125) }
```


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

```
.border{ border-color:rgb(168, 30, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 30, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 30, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 30, 125);  
box-shadow:4px 4px 4px 4px rgb(168, 30,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 82.0920, 21.1536, 75.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 30, 125) }
```

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

```
.background{ background-color: rgb(168, 30,  
125) }
```

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