

Converting Colors

YUV(79.8520, 62.1910, 72.9208)

Have a look what the booklet for
YUV(79.8520, 62.1910, 72.9208)
contains.

YUV(79.8520, 62.1910, 72.9208)	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(79.8520, 62.1910,
72.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	A30DCE
RGB	163, 13, 206
RGB Percent	64%, 5%, 81%
CMY	0.3608, 0.9490, 0.1922
CMYK	0.21, 0.94, 0.00, 0.19
HSL	287°, 88%, 43%
HSV	287°, 94%, 81%
XYZ	26.3888, 12.5306, 59.4203
YIQ	79.8520, 27.4470, 91.8230

Conversions

Conversions Part 2

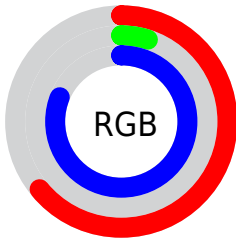
Format	Color
R_{YB}	163, 13, 206
Decimal	10685902
CIE _{Lab}	42.05, 75.98, -63.36
CIE _{LCh}	42, 98.930, 320.177
Yxy	12.5306, 0.2683, 0.1274
Android (android.graphics.Color)	4288875982 (0xFFA30DCE)
YUV	79.8520, 62.1910, 72.9208
Hunter-Lab	35.3986, 71.1197, -74.7456

Details

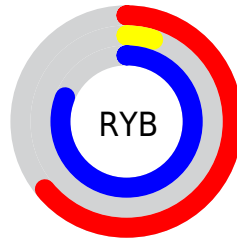
The YUV color **79.8520, 62.1910, 72.9208** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **139.1480, -62.1910, -72.9208**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1040, 53.1927, 65.6838**, and **48.4950, 50.0420, 49.5549** is the 20% darker color. If you saturate the color by 10%, you get **71.3240, 66.3953, 77.7689**, and if you desaturate by 10%, it is **93.6740, 55.3767, 65.1839**.

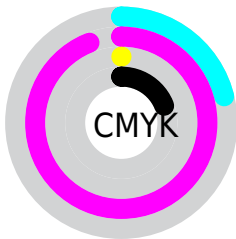
Distribution



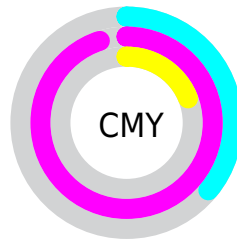
- Red (64%)
- Green (5%)
- Blue (81%)



- Red (64%)
- Yellow (5%)
- Blue (81%)



- Cyan (21%)
- Magenta (94%)
- Yellow (0%)
- Black (19%)



- Cyan (36%)
- Magenta (95%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.8520, 62.1910, 72.9208 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 79.8520, 62.1910, 72.9208 by changing the saturation by 10% instead.

79.8520, 62.1910,
72.9208

79.8520, 62.1910,
72.9208

255.0000, 0.0000,
0.0000

60.3580, 57.9975,
64.5840

147.1040, 53.1927,
65.6838

48.4950, 50.0420,
49.5549

173.9830, 39.9414,
69.2979

36.8600, 42.9600,
34.3258

191.6040, 31.2542,
55.5983

25.2250, 35.8781,
19.0967

208.6270, 22.8619,
40.6691

10.4150, 30.8544,
-2.9950

225.6500, 14.4696,
25.7400

7.9340, 20.2455,
-6.9581

243.2600, 5.7878,

3.6650, 11.5042,

10.2960

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 79.8520, 62.1910,
72.9208

■ 79.8520, 62.1910,
72.9208

■ 71.3240, 66.3953,
77.7689

■ 93.6740, 55.3767,
65.1839

■ 106.6100, 48.9993,
57.3470

■ 120.4320, 42.1850,
49.6101

■ 133.3680, 35.8076,
41.7733

■ 147.1900, 28.9933,
34.0364

■ 161.0120, 22.1791,
26.2995

■ 173.9480, 15.8016,
18.4626

■ 187.7700, 8.9874,
10.7257

■ 200.7060, 2.6099,
2.8888

Harmonies

Analogous

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



83.0740, 84.7595, -72.8559



79.8520, 62.1910, 72.9208



81.4970, 23.9120, 124.0981

Triad

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



79.8520, 62.1910, 72.9208



94.1250, -46.4036, 43.7404



93.2790, 29.9355, -81.8057

Complementary

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



79.8520, 62.1910, 72.9208



139.1480, -62.1910, -72.9208

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.



82.4150, -6.6136, -72.2780



79.8520, 62.1910, 72.9208



85.7770, -42.2881, -16.4674

Square

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



79.8520, 62.1910, 72.9208



72.1160, -35.5532, 110.4003



72.2010, -35.5951, -63.3203



101.4870, 61.3849, -89.0041

Rectangle

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



79.8520, 62.1910, 72.9208



78.1460, -0.5650, 134.9300



72.2010, -35.5951, -63.3203



90.0870, 17.7051, -79.0063

Sweetspot

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



79.8520, 62.1910, 72.9208



208.5390, 22.9053, 26.7143



61.4170, 71.2794, -42.4617



99.1820, 14.2073, 16.5034



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.



79.8520, 62.1910, 72.9208



88.2720, 82.1969, 96.2315



86.8950, 33.5758, 104.4551



95.5320, 3.1887, 3.9184



57.4950, 53.4930, 62.7099



13.3020, 12.1761, 14.6441

Inverse Universe

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



75.6090, -9.6672, 114.3529



82.7430, -12.6913, 151.0694



132.1050, -33.5758, -104.4551



95.2180, -0.6005, 5.9478



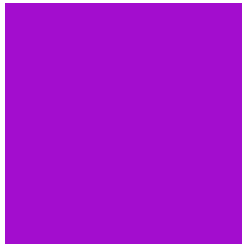
53.8520, -8.3080, 98.3538



12.3880, -1.6703, 22.4617

Previews

White Background



This preview shows how the YUV color 79.8520, 62.1910, 72.9208 looks on a white background.

Color Contrast Check

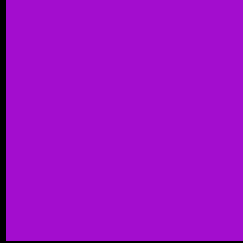
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.8520, 62.1910, 72.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

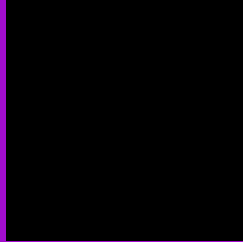
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.8520, 62.1910, 72.9208

Background



This preview shows how black text looks on a background with the YUV color 79.8520, 62.1910, 72.9208.



This preview shows how white text looks on a background with the YUV color 79.8520, 62.1910,

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

79.8520, 62.1910, 72.9208

Protanopia

80.3090, 61.4727, -70.4310

Deuteranopia

80.8670, 48.3796, -70.9204



Tritanopia

101.1190, -6.9607, 39.3606

Trichromacy



Original Color

79.8520, 62.1910, 72.9208



Protanomaly

79.7530, 61.7468, -18.2004



Deuteranomaly

80.2770, 53.6004, -18.6599



Tritanomaly

93.1400, 18.1720, 51.6202

Monochromacy



Original Color

79.8520, 62.1910, 72.9208



Achromatopsia

80.0000, 0.0000, 0.0000



Achromatomaly

80.1260, 22.6159, 26.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8520, 62.1910, 72.9208 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(163, 13, 206)` looks like.

```
.text, #text, p{  
    color:rgb(163, 13, 206)  
}
```

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(163, 13, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 13, 206) }
```

Border

The CSS property to change the border of an element to YUV 79.8520, 62.1910, 72.9208 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(163, 13, 206) }
```


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

```
.border{ border-color:rgb(163, 13, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 13, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 13, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 13, 206);  
box-shadow:4px 4px 4px 4px rgb(163, 13,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 79.8520, 62.1910, 72.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 13, 206) }
```

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

```
.background{ background-color: rgb(163, 13,  
206) }
```

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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