

Converting Colors

YUV(162.3820, 21.0107,
27.7290)

Have a look what the booklet for
YUV(162.3820, 21.0107, 27.7290)
contains.

YUV(162.3820, 21.0107, 27.7290)	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(162.3820, 21.0107,
27.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	C28ACD
RGB	194, 138, 205
RGB Percent	76%, 54%, 80%
CMY	0.2392, 0.4588, 0.1961
CMYK	0.05, 0.33, 0.00, 0.20
HSL	290°, 40%, 67%
HSV	290°, 33%, 80%
XYZ	42.3561, 34.0541, 62.0983
YIQ	162.3820, 11.8690, 32.7090

Conversions

Conversions Part 2

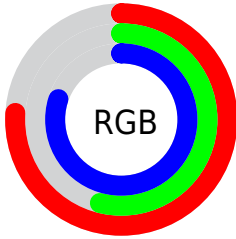
Format	Color
RYB	194, 138, 205
Decimal	12749517
CIELab	65.01, 32.75, -26.19
CIELCh	65, 41.936, 321.347
Yxy	34.0541, 0.3058, 0.2459
Android (android.graphics.Color)	4290939597 (0xFFC28ACD)
YUV	162.3820, 21.0107, 27.7290
Hunter-Lab	58.3559, 27.4367, -22.2432

Details

The YUV color **162.3820, 21.0107, 27.7290** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **180.6180, -21.0107, -27.7290**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8230, 18.8213, 29.9732**, and **109.8440, 20.2899, 25.5698** is the 20% darker color. If you saturate the color by 10%, you get **149.7450, 27.2407, 36.1806**, and if you desaturate by 10%, it is **175.6060, 14.4912, 18.7625**.

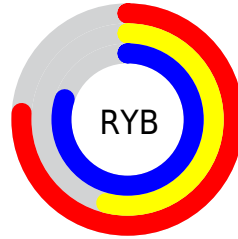
Distribution



Red (76%)

Green (54%)

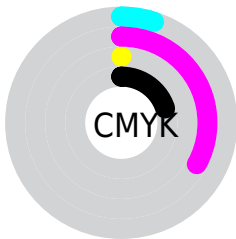
Blue (80%)



Red (76%)

Yellow (54%)

Blue (80%)

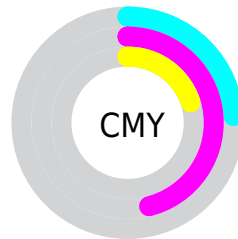


Cyan (5%)

Magenta (33%)

Yellow (0%)

Black (20%)



Cyan (24%)

Magenta (46%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 162.3820, 21.0107, 27.7290 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 162.3820, 21.0107, 27.7290 by changing the saturation by 10% instead.


 162.3820, 21.0107,
27.7290


 162.3820, 21.0107,
27.7290


255.0000, 0.0000,
0.0000

 135.5560, 20.4319,
26.6994


 216.8230, 18.8213,
29.9732


 109.8440, 20.2899,
25.5698


 234.4550, 10.1287,
18.0180

 85.0180, 19.7111,
24.5402

 251.4780, 1.7363,
3.0888

 60.4910, 18.9849,
24.1254

 36.1920, 19.1323,
23.5106

 17.8880, 16.8172,
19.3922

 6.2250, 12.2141,

2.4337

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 162.3820, 21.0107,
27.7290

■ 162.3820, 21.0107,
27.7290

■ 149.7450, 27.2407,
36.1806

■ 175.6060, 14.4912,
18.7625

■ 136.2220, 33.9076,
44.5323

■ 188.5420, 8.1138,
10.9257

■ 123.5850, 40.1376,
52.9840

■ 201.7660, 1.5944,
1.9592

■ 110.3610, 46.6570,
61.9504

■ 214.4030, -4.6357,
-6.4924

96.8380, 53.3239,
70.3021

227.9260,
-11.3025, -14.8441

84.2010, 59.5539,
78.7537

237.0410,
-15.7962, -20.2070

74.4990, 64.3370,
84.6314

238.2370,
-16.3858, -17.7478

239.1340,
-16.8281, -15.9035

240.0310,
-17.2703, -14.0592

Harmonies

Analogous

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



158.5710, 34.2285, -11.9018



162.3820, 21.0107, 27.7290



160.8940, 4.4893, 53.5900

Triad

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



162.3820, 21.0107, 27.7290



155.7950, -35.8879, 30.8748



124.8750, 29.1486, -109.5154

Complementary

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



162.3820, 21.0107, 27.7290



180.6180, -21.0107, -27.7290

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.



135.6780, 4.5957, -74.2626



162.3820, 21.0107, 27.7290



152.1180, -32.5962, 1.6505

Square

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



162.3820, 21.0107, 27.7290



157.2890, -28.2435, 52.3665



146.5790, -18.5264, -31.2028



126.0610, 43.8469, -110.5555

Rectangle

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



162.3820, 21.0107, 27.7290



159.5500, -7.1731, 60.9077



146.5790, -18.5264, -31.2028



123.3930, 23.4703, -108.2157

Sweetspot

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



162.3820, 21.0107, 27.7290



239.1290, 7.8244, 10.4109



152.0950, 26.0822, -12.3613



117.7110, 5.0725, 6.3925



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.



162.3820, 21.0107, 27.7290



192.1030, 31.0082, 41.1287



163.1630, 9.7796, 36.6910



95.5320, 3.1887, 3.9184



60.4850, 52.0189, 68.8577



13.9000, 11.8813, 15.8737

Inverse Universe

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



159.2870, -5.0715, 40.0903



187.4250, -7.6045, 59.2633



179.8370, -9.7796, -36.6910



95.1040, -1.0373, 6.0478



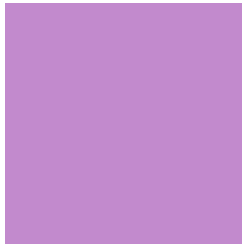
52.7120, -12.6760, 99.3536



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 162.3820, 21.0107, 27.7290 looks on a white background.

Color Contrast Check

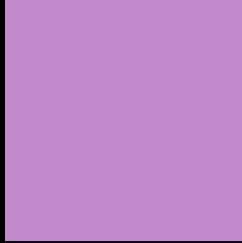
Large Text (above 18pt) WCAG AA × Fail

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 162.3820, 21.0107, 27.7290 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 ✓ Pass

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

YUV 162.3820, 21.0107, 27.7290

Background



This preview shows how black text looks on a background with the YUV color 162.3820, 21.0107, 27.7290.



This preview shows how white text looks on a background with the YUV color 162.3820, 21.0107,

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

162.3820, 21.0107, 27.7290

Protanopia

157.9850, 29.5874, -16.6498

Deuteranopia

158.8630, 21.2665, -7.7729



Tritanopia

160.3280, -0.6547, 23.3913

Trichromacy



Original Color

162.3820, 21.0107, 27.7290



Protanomaly

159.2860, 26.4810, -0.2508



Deuteranomaly

160.2390, 21.0812, 5.0524



Tritanomaly

161.4020, 7.1968, 25.0804

Monochromacy



Original Color

162.3820, 21.0107, 27.7290



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

162.1290, 7.8244, 10.4109

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.3820, 21.0107, 27.7290 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(194, 138, 205)` looks like.

```
.text, #text, p{  
    color:rgb(194, 138, 205)  
}
```

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(194, 138, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 138, 205) }
```

Border

The CSS property to change the border of an element to YUV 162.3820, 21.0107, 27.7290 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(194, 138, 205) }
```


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

```
.border{ border-color:rgb(194, 138, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 138, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 138, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 138, 205);  
box-shadow:4px 4px 4px 4px rgb(194, 138,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 162.3820, 21.0107, 27.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 138, 205) }
```

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

```
.background{ background-color: rgb(194,  
138, 205) }
```

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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