

Converting Colors

YUV(120.7250, 20.8416,
35.3212)

Have a look what the booklet for
YUV(120.7250, 20.8416, 35.3212)
contains.

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Color

**YUV(120.7250, 20.8416,
35.3212)**

Conversions

Conversions Part 1

Format	Color
Hex	A15CA3
RGB	161, 92, 163
RGB Percent	63%, 36%, 64%
CMY	0.3686, 0.6392, 0.3608
CMYK	0.01, 0.44, 0.00, 0.36
HSL	298°, 28%, 50%
HSV	298°, 44%, 64%
XYZ	25.1359, 17.8757, 36.7759
YIQ	120.7250, 18.3330, 36.7090

Conversions

Conversions Part 2

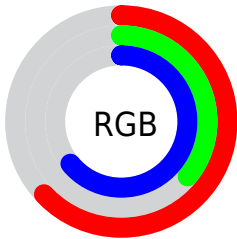
Format	Color
R _Y B	161, 92, 163
Decimal	10575011
CIE Lab	49.35, 39.28, -26.62
CIE LCh	49, 47.449, 325.875
Yxy	17.8757, 0.3150, 0.2240
Android (android.graphics.Color)	4288765091 (0xFFA15CA3)
YUV	120.7250, 20.8416, 35.3212
Hunter-Lab	42.2797, 32.1317, -21.9761

Details

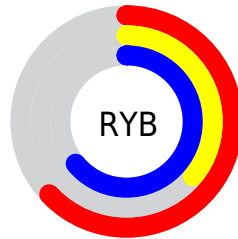
The YUV color **120.7250, 20.8416, 35.3212** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.2750, -20.8416, -35.3212**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2630, 21.5623, 37.4803**, and **69.6000, 20.4102, 33.6768** is the 20% darker color. If you saturate the color by 10%, you get **111.3330, 25.4718, 43.5580**, and if you desaturate by 10%, it is **130.1170, 16.2113, 27.0844**.

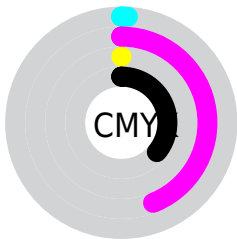
Distribution



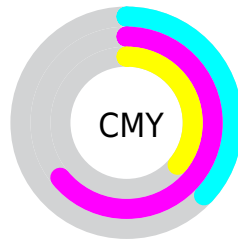
- Red (63%)
- Green (36%)
- Blue (64%)



- Red (63%)
- Yellow (36%)
- Blue (64%)



- Cyan (1%)
- Magenta (44%)
- Yellow (0%)
- Black (36%)



- Cyan (37%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7250, 20.8416, 35.3212 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 120.7250, 20.8416, 35.3212 by changing the saturation by 10% instead.

■ 120.7250, 20.8416,
35.3212

■ 120.7250, 20.8416,
35.3212

255.0000, 0.0000,
0.0000

■ 95.0130, 20.6996,
34.1916

■ 174.2630, 21.5623,
37.4803

■ 69.6000, 20.4102,
33.6768

■ 202.0890, 22.1411,
38.5099

■ 43.7140, 20.8470,
33.5768

■ 222.1280, 16.2059,
28.8287

■ 24.2250, 19.1161,
28.7437

■ 238.5640, 8.1029,
14.4144

■ 15.7370, 12.4547,
18.6477

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

■ 120.7250, 20.8416,
35.3212

■ 120.7250, 20.8416,
35.3212

■ 111.3330, 25.4718,
43.5580

■ 130.1170, 16.2113,
27.0844

■ 101.0550, 30.5389,
51.6948

■ 140.3950, 11.1443,
18.9476

■ 91.6630, 35.1691,
59.9315

■ 149.7870, 6.5140,
10.7108

■ 81.9720, 39.9468,
67.5536

■ 159.4780, 1.7363,
3.0888

■ 71.9930, 44.8665,
76.3051

■ 169.4570, -3.1833,
-5.6628

■ 65.8240, 47.9078,
80.8384

■ 179.1480, -7.9610,
-13.2848

■ 188.5400,
-12.5912, -21.5216

■ 198.2310,
-17.3689, -29.1436

■ 208.2100,
-22.2885, -37.8952

Harmonies

Analogous

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



118.2340, 35.3806, -8.0982



120.7250, 20.8416, 35.3212



117.7100, 3.5940, 60.7673

Triad

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



120.7250, 20.8416, 35.3212



112.9210, -40.3871, 27.2563



97.6330, 26.3099, -85.6241

Complementary

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



120.7250, 20.8416, 35.3212



134.2750, -20.8416, -35.3212

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.



92.3720, 8.6906, -81.0102



120.7250, 20.8416, 35.3212



108.9170, -34.4691, -4.3122

Square

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



120.7250, 20.8416, 35.3212



115.0670, -31.5850, 50.8072



101.3000, -15.4309, -44.1131



98.9330, 41.4450, -86.7642

Rectangle

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



120.7250, 20.8416, 35.3212



115.8280, -8.7892, 65.9258



101.3000, -15.4309, -44.1131



96.1510, 20.6316, -84.3244

Sweetspot

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



120.7250, 20.8416, 35.3212



195.2650, 8.2504, 13.7996



101.2680, 30.4339, -8.1280



97.0210, 4.9196, 8.7516



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



120.7250, 20.8416, 35.3212



146.5330, 32.2752, 54.7836



117.5610, 6.1324, 39.8500



76.4180, 2.7519, 4.0184



58.6890, 42.5513, 72.1867



7.1350, 5.3564, 8.6516

Inverse Universe

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



113.4570, -9.5923, 43.4492



135.2320, -14.9044, 67.3255



137.4390, -6.1324, -39.8500



75.8050, -0.8899, 5.4330



43.8110, -19.6268, 88.7428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 120.7250, 20.8416, 35.3212 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 120.7250, 20.8416, 35.3212 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 120.7250, 20.8416, 35.3212

Background



This preview shows how black text looks on a background with the YUV color 120.7250, 20.8416, 35.3212.



This preview shows how white text looks on a background with the YUV color 120.7250, 20.8416,

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

120.7250, 20.8416, 35.3212

Protanopia

116.9460, 32.0716, -20.1236

Deuteranopia

117.9120, 20.2564, -10.4468



Tritanopia

119.7480, -4.3128, 30.0390

Trichromacy



Original Color

120.7250, 20.8416, 35.3212

Protanomaly

118.0410, 28.0808, -0.0360

Deuteranomaly

118.7230, 20.3496, 6.3819

Tritanomaly

120.4630, 4.7017, 32.0429

Monochromacy



Original Color

120.7250, 20.8416, 35.3212

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7380, 7.5242, 13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7250, 20.8416, 35.3212 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(161, 92, 163)` looks like.

```
.text, #text, p{  
    color:rgb(161, 92, 163)  
}
```

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(161, 92, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 92, 163) }
```

Border

The CSS property to change the border of an element to YUV 120.7250, 20.8416, 35.3212 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(161, 92, 163) }
```


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

```
.border{ border-color:rgb(161, 92, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 92, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 92, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 92, 163);  
box-shadow:4px 4px 4px 4px rgb(161, 92,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 120.7250, 20.8416, 35.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 92, 163) }
```

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

```
.background{ background-color: rgb(161, 92,  
163) }
```

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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