

Converting Colors

YUV(102.0490, 53.2198,
56.9620)

Have a look what the booklet for
YUV(102.0490, 53.2198, 56.9620)
contains.

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Color

**YUV(102.0490, 53.2198,
56.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	A730D2
RGB	167, 48, 210
RGB Percent	65%, 19%, 82%
CMY	0.3451, 0.8118, 0.1765
CMYK	0.20, 0.77, 0.00, 0.18
HSL	284°, 64%, 51%
HSV	284°, 77%, 82%
XYZ	28.6262, 14.9825, 62.3559
YIQ	102.0490, 18.9220, 75.6100

Conversions

Conversions Part 2

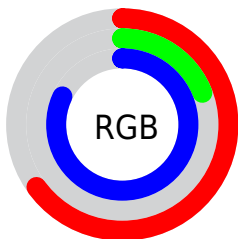
Format	Color
R_{YB}	167, 48, 210
Decimal	10957010
CIE _{Lab}	45.61, 69.59, -59.86
CIE _{LCh}	46, 91.797, 319.298
Yxy	14.9825, 0.2701, 0.1414
Android (android.graphics.Color)	4289147090 (0xFFA730D2)
YUV	102.0490, 53.2198, 56.9620
Hunter-Lab	38.7073, 64.2728, -68.4188

Details

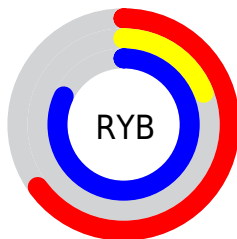
The YUV color **102.0490, 53.2198, 56.9620** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **155.9510, -53.2198, -56.9620**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4530, 47.1047, 58.3617**, and **50.4460, 51.0521, 52.2289** is the 20% darker color. If you saturate the color by 10%, you get **87.9280, 60.1815, 64.0841**, and if you desaturate by 10%, it is **116.1700, 46.2582, 49.8399**.

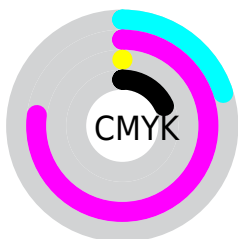
Distribution



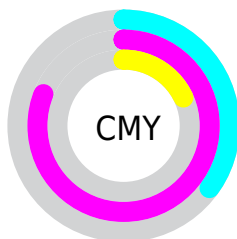
- Red (65%)
- Green (19%)
- Blue (82%)



- Red (65%)
- Yellow (19%)
- Blue (82%)



- Cyan (20%)
- Magenta (77%)
- Yellow (0%)
- Black (18%)





- Cyan (35%)
- Magenta (81%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 102.0490, 53.2198, 56.9620 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 102.0490, 53.2198, 56.9620 by changing the saturation by 10% instead.


 102.0490, 53.2198,
56.9620


 102.0490, 53.2198,
56.9620


255.0000, 0.0000,
0.0000


 62.5970, 58.8657,
66.1284


 159.4530, 47.1047,
58.3617


 50.4460, 51.0521,
52.2289


 184.5600, 34.7269,
61.7759


 38.8110, 43.9702,
36.9998


 201.5830, 26.3346,
46.8467

 27.1760, 36.8882,
21.7706

 218.6060, 17.9422,
31.9175

 15.0570, 30.5379,
5.2120

 235.6290, 9.5499,
16.9884

 6.0420, 23.1503,
-5.2988

 253.2390, 0.8682,

 4.7080, 12.9620,

1.5444

-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 102.0490, 53.2198,
56.9620

■ 102.0490, 53.2198,
56.9620

■ 87.9280, 60.1815,
64.0841

■ 116.1700, 46.2582,
49.8399

■ 74.1060, 66.9957,
71.8210

■ 129.9920, 39.4439,
42.1030

■ 69.9860, 69.0269,
73.6803

■ 144.1130, 32.4823,
34.9809

■ 157.9350, 25.6680,
27.2440

■ 172.0560, 18.7064,
20.1219

■ 185.8780, 11.8921,
12.3850

■ 199.9990, 4.9305,
5.2629

■ 214.1200, -2.0312,
-1.8592

■ 227.9420, -8.8454,
-9.5961

Harmonies

Analogous

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



88.3570, 82.1550, -77.4891



102.0490, 53.2198, 56.9620



83.1210, 27.5483, 124.4279

Triad

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



102.0490, 53.2198, 56.9620



102.1100, -50.3402, 46.3845



98.9040, 28.6413, -86.7388

Complementary

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



102.0490, 53.2198, 56.9620



155.9510, -53.2198, -56.9620

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.



88.6100, -5.7237, -77.7110



102.0490, 53.2198, 56.9620



95.2680, -46.9671, -9.0050

Square

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



102.0490, 53.2198, 56.9620



88.5960, -43.6778, 102.9633



76.8970, -37.9102, -67.4387



105.4820, 58.9224, -92.5077

Rectangle

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



102.0490, 53.2198, 56.9620



80.2970, 3.7976, 135.6745



76.8970, -37.9102, -67.4387



95.3530, 17.5740, -83.6246

Sweetspot

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



102.0490, 53.2198, 56.9620



215.5830, 19.4326, 20.5367



91.7090, 58.3175, -38.3328



103.8780, 11.8921, 12.3850



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.



102.0490, 53.2198, 56.9620



97.0440, 77.8723, 83.2764



110.5740, 30.2830, 87.1966



97.6460, 3.6255, 3.8185



56.2280, 55.1036, 59.4360



13.6440, 13.4865, 14.3442

Inverse Universe

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



101.3400, -5.0976, 95.2948



96.0450, -7.4172, 139.4035



147.4260, -30.2830, -87.1966



97.6310, -0.3111, 6.4626



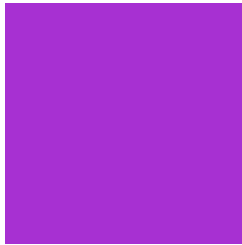
55.3620, -5.1085, 98.7835



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 102.0490, 53.2198, 56.9620 looks on a white background.

Color Contrast Check

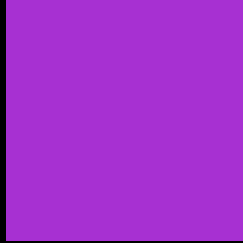
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.0490, 53.2198, 56.9620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

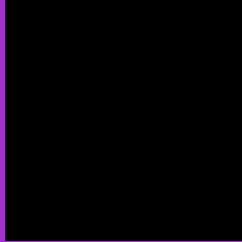
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.0490, 53.2198, 56.9620

Background



This preview shows how black text looks on a background with the YUV color 102.0490, 53.2198, 56.9620.



This preview shows how white text looks on a background with the YUV color 102.0490, 53.2198,

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

102.0490, 53.2198, 56.9620

Protanopia

86.8290, 66.1463, -76.1490

Deuteranopia

87.3870, 53.0532, -76.6384



Tritanopia

109.4390, -5.6394, 35.5720

Trichromacy



Original Color

102.0490, 53.2198, 56.9620



Protanomaly

92.2850, 61.4845, -27.4369



Deuteranomaly

92.6950, 52.9014, -27.7965



Tritanomaly

106.5150, 16.0151, 43.3983

Monochromacy



Original Color

102.0490, 53.2198, 56.9620



Achromatopsia

102.0000, 0.0000, 0.0000



Achromatomaly

101.8820, 19.2852, 21.1515

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.0490, 53.2198, 56.9620 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(167, 48, 210)` looks like.

```
.text, #text, p{  
    color:rgb(167, 48, 210)  
}
```

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(167, 48, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 48, 210) }
```

Border

The CSS property to change the border of an element to YUV 102.0490, 53.2198, 56.9620 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(167, 48, 210) }
```


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

```
.border{ border-color:rgb(167, 48, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 48, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 48, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 48, 210);  
box-shadow:4px 4px 4px 4px rgb(167, 48,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 102.0490, 53.2198, 56.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 48, 210) }
```

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

```
.background{ background-color: rgb(167, 48,  
210) }
```

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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