

Converting Colors

YUV(105.8520, 38.5270,
56.2578)

Have a look what the booklet for
YUV(105.8520, 38.5270, 56.2578)
contains.

YUV(105.8520, 38.5270, 56.2578)	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(105.8520, 38.5270,
56.2578)**

Conversions

Conversions Part 1

Format	Color
Hex	AA3AB8
RGB	170, 58, 184
RGB Percent	67%, 23%, 72%
CMY	0.3333, 0.7725, 0.2784
CMYK	0.08, 0.68, 0.00, 0.28
HSL	293°, 52%, 47%
HSV	293°, 68%, 72%
XYZ	26.7423, 15.0329, 46.8396
YIQ	105.8520, 26.3060, 62.9300

Conversions

Conversions Part 2

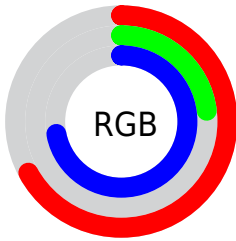
Format	Color
R_{YB}	170, 58, 184
Decimal	11156152
CIE _{Lab}	45.68, 61.78, -44.63
CIE _{LCh}	46, 76.214, 324.151
Yxy	15.0329, 0.3018, 0.1696
Android (android.graphics.Color)	4289346232 (0xFFAA3AB8)
YUV	105.8520, 38.5270, 56.2578
Hunter-Lab	38.7722, 55.2653, -44.4859

Details

The YUV color **105.8520, 38.5270, 56.2578** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **136.1480, -38.5270, -56.2578**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5640, 38.6689, 57.3874**, and **48.9060, 39.9793, 57.0874** is the 20% darker color. If you saturate the color by 10%, you get **94.6880, 44.0308, 64.2946**, and if you desaturate by 10%, it is **117.0160, 33.0231, 48.2210**.

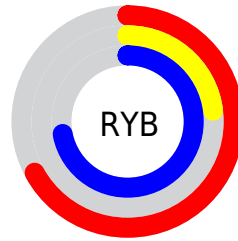
Distribution



Red (67%)

Green (23%)

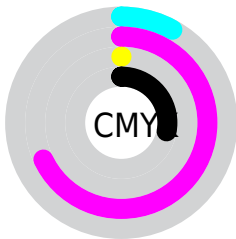
Blue (72%)



Red (67%)

Yellow (23%)

Blue (72%)

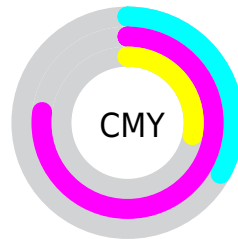


Cyan (8%)

Magenta (68%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (77%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.8520, 38.5270, 56.2578 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 105.8520, 38.5270, 56.2578 by changing the saturation by 10% instead.

105.8520, 38.5270,
56.2578

105.8520, 38.5270,
56.2578

255.0000, 0.0000,
0.0000

75.0310, 40.4107,
58.7318

162.5640, 38.6689,
57.3874

48.9060, 39.9793,
57.0874

188.6690, 32.7012,
58.1723

37.8690, 32.6026,
43.0879

205.1050, 24.5982,
43.7579

27.0600, 26.0994,
28.8884

222.1280, 16.2059,
28.8287

16.5500, 19.4489,
15.3036

239.1510, 7.8136,
13.8996

4.9360, 13.8356,
-4.3289

0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 105.8520, 38.5270,
56.2578

■ 105.8520, 38.5270,
56.2578

■ 94.6880, 44.0308,
64.2946

■ 117.0160, 33.0231,
48.2210

■ 82.9370, 49.8241,
72.8463

■ 128.7670, 27.2299,
39.6693

■ 71.7730, 55.3279,
80.8831

■ 139.9310, 21.7260,
31.6325

■ 70.0120, 56.1961,
82.4275

■ 151.6820, 15.9328,
23.0809

■ 162.8460, 10.4289,
15.0441

■ 174.0100, 4.9251,
7.0072

■ 185.7610, -0.8682,
-1.5444

■ 196.9250, -6.3720,
-9.5812

■ 208.6760,
-12.1653, -18.1329

Harmonies

Analogous

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



100.6430, 61.8010, -35.6439



105.8520, 38.5270, 56.2578



77.2250, 23.0601, 117.3207

Triad

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



105.8520, 38.5270, 56.2578



102.0440, -50.3077, 35.9184



97.3710, 30.3831, -85.3944

Complementary

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



105.8520, 38.5270, 56.2578



136.1480, -38.5270, -56.2578

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.



89.2600, 1.8438, -78.2810



105.8520, 38.5270, 56.2578



94.9580, -46.8143, -11.3642

Square

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



105.8520, 38.5270, 56.2578



97.3020, -47.9699, 79.5421



77.8890, -29.0323, -68.3087



101.6520, 54.4016, -89.1488

Rectangle

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



105.8520, 38.5270, 56.2578



73.8180, 3.5407, 124.6936



77.8890, -29.0323, -68.3087



94.9770, 21.2103, -83.2948

Sweetspot

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



105.8520, 38.5270, 56.2578



208.2690, 15.6434, 22.5661



81.1690, 50.6957, -20.3192



101.4930, 9.1240, 13.5996



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



105.8520, 38.5270, 56.2578



117.7830, 60.2530, 87.8903



104.5660, 15.4970, 69.6636



86.4180, 2.7519, 4.0184



59.0460, 47.7983, 69.2427



10.6670, 8.5452, 12.5700

Inverse Universe

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



97.2700, -12.4581, 76.0622



104.4110, -19.4296, 118.9116



137.4340, -15.4970, -69.6636



85.8050, -0.8899, 5.4330



48.5820, -15.5699, 94.2056



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 105.8520, 38.5270, 56.2578 looks on a white background.

Color Contrast Check

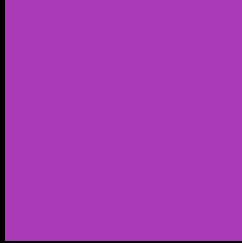
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.8520, 38.5270, 56.2578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

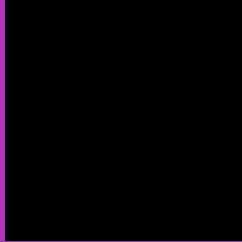
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 105.8520, 38.5270, 56.2578

Background



This preview shows how black text looks on a background with the YUV color 105.8520, 38.5270, 56.2578.



This preview shows how white text looks on a background with the YUV color 105.8520, 38.5270,

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

105.8520, 38.5270, 56.2578

Protanopia

87.0570, 67.0199, -76.3490

Deuteranopia

104.5640, 34.7249, -31.1896



Tritanopia

109.3260, -7.5557, 43.5641

Trichromacy



Original Color

105.8520, 38.5270, 56.2578



Protanomaly

94.0200, 56.6851, -28.0815



Deuteranomaly

104.8160, 36.0797, 1.0384



Tritanomaly

107.8270, 9.4523, 48.3867

Monochromacy



Original Color

105.8520, 38.5270, 56.2578



Achromatopsia

106.0000, 0.0000, 0.0000



Achromatomaly

106.0900, 13.7596, 20.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.8520, 38.5270, 56.2578 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(170, 58, 184)` looks like.

```
.text, #text, p{  
    color:rgb(170, 58, 184)  
}
```

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(170, 58, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 58, 184) }
```

Border

The CSS property to change the border of an element to YUV 105.8520, 38.5270, 56.2578 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(170, 58, 184) }
```


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

```
.border{ border-color:rgb(170, 58, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 58, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 58, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 58, 184);  
box-shadow:4px 4px 4px 4px rgb(170, 58,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 105.8520, 38.5270, 56.2578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 58, 184) }
```

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

```
.background{ background-color: rgb(170, 58,  
184) }
```

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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