

Converting Colors

YUV(107.1440, 5.3520, 56.8787)

Have a look what the booklet for
YUV(107.1440, 5.3520, 56.8787)
contains.

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Color

**YUV(107.1440, 5.3520,
56.8787)**

Conversions

Conversions Part 1

Format	Color
Hex	AC4876
RGB	172, 72, 118
RGB Percent	67%, 28%, 46%
CMY	0.3255, 0.7176, 0.5373
CMYK	0.00, 0.58, 0.31, 0.33
HSL	332°, 41%, 48%
HSV	332°, 58%, 67%
XYZ	22.6006, 14.7134, 18.7883
YIQ	107.1440, 44.8340, 35.5060

Conversions

Conversions Part 2

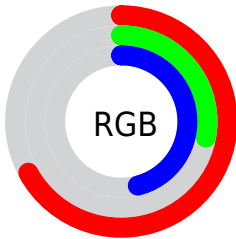
Format	Color
R_{YB}	172, 72, 118
Decimal	11290742
CIE _{Lab}	45.24, 45.80, -5.76
CIE _{LCh}	45, 46.163, 352.831
Yxy	14.7134, 0.4028, 0.2623
Android (android.graphics.Color)	4289480822 (0xFFAC4876)
YUV	107.1440, 5.3520, 56.8787
Hunter-Lab	38.3580, 38.0460, -2.1905

Details

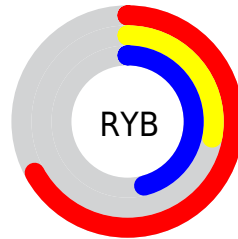
The YUV color **107.1440, 5.3520, 56.8787** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **136.8560, -5.3520, -56.8787**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5250, 4.1782, 60.0526**, and **50.8820, 9.4252, 57.1085** is the 20% darker color. If you saturate the color by 10%, you get **96.1390, 6.3405, 66.5301**, and if you desaturate by 10%, it is **118.1490, 4.3635, 47.2273**.

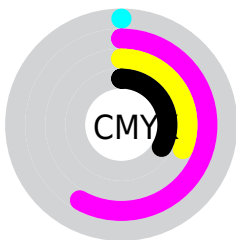
Distribution



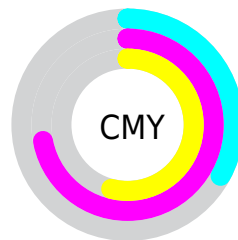
- Red (67%)
- Green (28%)
- Blue (46%)



- Red (67%)
- Yellow (28%)
- Blue (46%)



- Cyan (0%)
- Magenta (58%)
- Yellow (31%)
- Black (33%)



- Cyan (33%)
- Magenta (72%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.1440, 5.3520, 56.8787 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 107.1440, 5.3520, 56.8787 by changing the saturation by 10% instead.

 107.1440, 5.3520,
56.8787

 107.1440, 5.3520,
56.8787


255.0000, 0.0000,
0.0000

 80.0730, 6.3730,
56.0640


 161.5250, 4.1782,
60.0526


 50.8820, 9.4252,
57.1085


 187.9270, 4.4730,
58.8230


 32.0830, 7.8471,
49.9162

 207.5550, 8.6004,
41.6093

 21.9150, 2.5069,
36.0315

 227.2970, 13.1646,
24.2955

 11.7750, -5.3121,
23.8763

 244.4340, 5.2090,
9.2664

 0.0000, 0.0000,
0.0000

■ 107.1440, 5.3520,
56.8787

■ 107.1440, 5.3520,
56.8787

■ 96.1390, 6.3405,
66.5301

■ 118.1490, 4.3635,
47.2273

■ 85.0200, 6.8921,
76.2815

■ 129.2680, 3.8119,
37.4760

■ 73.4280, 8.1700,
86.4476

■ 140.8600, 2.5340,
27.3098

■ 62.4230, 9.1585,
96.0990

■ 151.8650, 1.5456,
17.6584

■ 60.4340, 9.1530,
97.8434

■ 162.8700, 0.5571,
8.0070

■ 173.9890, 0.0054,
-1.7444

■ 184.9940, -0.9830,
-11.3957

■ 196.5860, -2.2609,

-21.5619

■ 207.7050, -2.8126,
-31.3133

Harmonies

Analogous

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



110.2190, 21.5840, 30.5029



107.1440, 5.3520, 56.8787



105.3670, -12.9989, 62.8221

Triad

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



107.1440, 5.3520, 56.8787



99.8250, -34.9167, -0.7235



90.7660, 38.0764, -79.6018

Complementary

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



107.1440, 5.3520, 56.8787



136.8560, -5.3520, -56.8787

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.



88.8790, 23.2307, -77.9469



107.1440, 5.3520, 56.8787



92.2900, -16.9050, -37.9653

Square

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



107.1440, 5.3520, 56.8787



102.9750, -38.9347, 28.0859



84.3190, 5.7587, -73.9478



87.7800, 46.9435, -76.9831

Rectangle

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



107.1440, 5.3520, 56.8787



105.0490, -24.1812, 56.0850



84.3190, 5.7587, -73.9478



90.9140, 33.5664, -79.7316

Sweetspot

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



107.1440, 5.3520, 56.8787



199.4140, 2.2609, 21.5619



99.2470, 35.8672, 22.5854



97.7180, 1.1250, 12.5253



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



107.1440, 5.3520, 56.8787



122.2650, 8.7434, 89.2216



103.6610, -15.6089, 59.9333



81.1470, 0.4205, 5.1331



52.7160, 8.0280, 85.3181



8.1310, 1.4144, 13.0401

Inverse Universe

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



107.1440, 5.3520, 56.8787



122.2650, 8.7434, 89.2216



140.3390, 15.6089, -59.9333



81.1470, 0.4205, 5.1331



52.7160, 8.0280, 85.3181



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 107.1440, 5.3520, 56.8787 looks on a white background.

Color Contrast Check

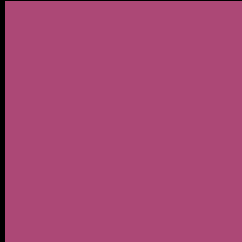
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.1440, 5.3520, 56.8787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

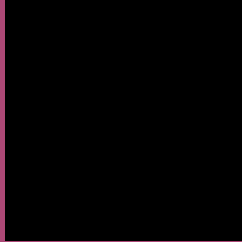
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.1440, 5.3520, 56.8787

Background



This preview shows how black text looks on a background with the YUV color 107.1440, 5.3520, 56.8787.



This preview shows how white text looks on a background with the YUV color 107.1440, 5.3520,

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

107.1440, 5.3520, 56.8787

Protanopia

107.8970, 16.3198, -7.8027

Deuteranopia

108.6140, 2.1623, 6.4775



Tritanopia

106.5940, -10.6458, 54.7301

Trichromacy



Original Color

107.1440, 5.3520, 56.8787

Protanomaly

108.0140, 12.3181, 15.7737

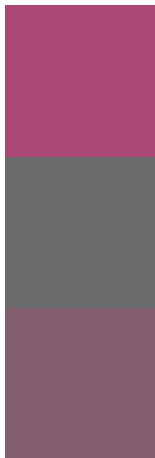
Deuteranomaly

107.7780, 3.5604, 24.7507

Tritanomaly

106.5000, -4.6835, 55.6895

Monochromacy



Original Color

107.1440, 5.3520, 56.8787

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0010, 1.9715, 21.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.1440, 5.3520, 56.8787 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(172, 72, 118)` looks like.

```
.text, #text, p{  
    color:rgb(172, 72, 118)  
}
```

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(172, 72, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 72, 118) }
```

Border

The CSS property to change the border of an element to YUV 107.1440, 5.3520, 56.8787 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(172, 72, 118) }
```


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

```
.border{ border-color:rgb(172, 72, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 72, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 72, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 72, 118);  
box-shadow:4px 4px 4px 4px rgb(172, 72,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 107.1440, 5.3520, 56.8787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 72, 118) }
```

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

```
.background{ background-color: rgb(172, 72,  
118) }
```

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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