

Converting Colors

YUV(107.2080, 28.4915,
55.0686)

Have a look what the booklet for
YUV(107.2080, 28.4915, 55.0686)
contains.

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Color

**YUV(107.2080, 28.4915,
55.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	AA40A5
RGB	170, 64, 165
RGB Percent	67%, 25%, 65%
CMY	0.3333, 0.7490, 0.3529
CMYK	0.00, 0.62, 0.03, 0.33
HSL	303°, 45%, 46%
HSV	303°, 62%, 67%
XYZ	25.2025, 14.9295, 37.1507
YIQ	107.2080, 30.7550, 53.8830

Conversions

Conversions Part 2

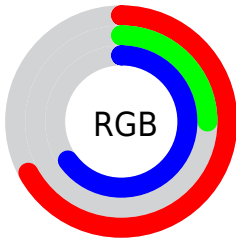
Format	Color
R_{YB}	170, 64, 165
Decimal	11157669
CIE _{Lab}	45.54, 55.97, -33.66
CIE _{LCh}	46, 65.313, 328.983
Yxy	14.9295, 0.3261, 0.1932
Android (android.graphics.Color)	4289347749 (0xFFAA40A5)
YUV	107.2080, 28.4915, 55.0686
Hunter-Lab	38.6386, 48.8110, -29.9597

Details

The YUV color **107.2080, 28.4915, 55.0686** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **126.7920, -28.4915, -55.0686**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1050, 28.0492, 56.9129**, and **47.2670, 32.4064, 59.4018** is the 20% darker color. If you saturate the color by 10%, you get **97.1150, 32.9743, 63.9201**, and if you desaturate by 10%, it is **117.3010, 24.0086, 46.2170**.

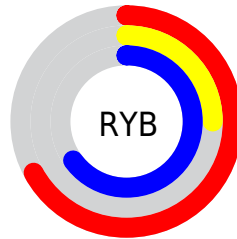
Distribution



Red (67%)

Green (25%)

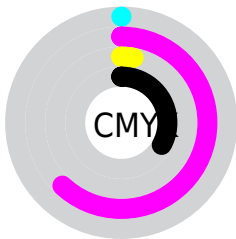
Blue (65%)



Red (67%)

Yellow (25%)

Blue (65%)

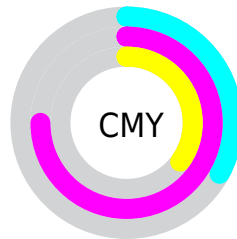


Cyan (0%)

Magenta (62%)

Yellow (3%)

Black (33%)



Cyan (33%)

Magenta (75%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.2080, 28.4915, 55.0686 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 107.2080, 28.4915, 55.0686 by changing the saturation by 10% instead.

107.2080, 28.4915,
55.0686

107.2080, 28.4915,
55.0686

255.0000, 0.0000,
0.0000

78.7350, 29.2176,
55.4834

163.1050, 28.0492,
56.9129

47.2670, 32.4064,
59.4018

190.3330, 28.9228,
56.7130

36.3440, 25.4664,
45.3023

207.4530, 23.4407,
41.6987

25.8340, 18.8158,
31.7176

223.8890, 15.3377,
27.2843

15.7370, 12.4547,
18.6477

240.9120, 6.9454,
12.3552

2.7530, 8.0098,
-2.4144

0.0000, 0.0000,

0.0000

■ 107.2080, 28.4915,
55.0686

■ 107.2080, 28.4915,
55.0686

■ 97.1150, 32.9743,
63.9201

■ 117.3010, 24.0086,
46.2170

■ 87.0220, 37.4572,
72.7717

■ 127.3940, 19.5258,
37.3655

■ 77.0430, 42.3768,
81.5233

■ 137.3730, 14.6061,
28.6139

■ 69.2980, 45.7021,
88.3157

■ 147.4660, 10.1233,
19.7623

■ 157.5590, 5.6404,
10.9108

■ 167.6520, 1.1576,
2.0592

■ 177.7450, -3.3253,
-6.7924

■ 187.7240, -8.2449,
-15.5439

■ 197.8170,
-12.7278, -24.3955

Harmonies

Analogous

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



107.4370, 47.6056, -9.1532



107.2080, 28.4915, 55.0686



96.0480, 7.8643, 91.1659

Triad

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



107.2080, 28.4915, 55.0686



101.1030, -49.8438, 27.0967



95.1370, 31.9775, -83.4351

Complementary

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



107.2080, 28.4915, 55.0686



126.7920, -28.4915, -55.0686

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.



88.7530, 7.5168, -77.8364



107.2080, 28.4915, 55.0686



93.7620, -46.2247, -13.8233

Square

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



107.2080, 28.4915, 55.0686



99.8610, -49.2315, 64.1429



80.4940, -16.5125, -70.5932



97.4630, 51.0437, -85.4751

Rectangle

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



107.2080, 28.4915, 55.0686



95.4770, -9.6022, 93.4207



80.4940, -16.5125, -70.5932



93.6720, 23.8257, -82.1503

Sweetspot

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



107.2080, 28.4915, 55.0686



197.1180, 11.2808, 21.8215



77.2800, 45.7110, -8.1386



96.6240, 7.0874, 13.4848



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.



107.2080, 28.4915, 55.0686



123.0590, 44.8339, 86.7713



101.2800, 5.7780, 60.2674



79.3040, 2.3151, 4.1184



60.3260, 39.7723, 76.8901



8.1460, 5.3510, 10.3960

Inverse Universe

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



107.2080, 28.4915, 55.0686



123.0590, 44.8339, 86.7713



132.7200, -5.7780, -60.2674



79.3040, 2.3151, 4.1184



60.3260, 39.7723, 76.8901



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 107.2080, 28.4915, 55.0686 looks on a white background.

Color Contrast Check

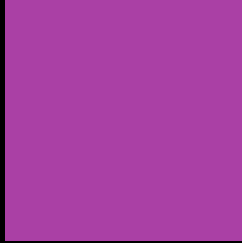
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.2080, 28.4915, 55.0686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

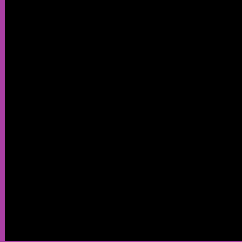
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.2080, 28.4915, 55.0686

Background



This preview shows how black text looks on a background with the YUV color 107.2080, 28.4915, 55.0686.



This preview shows how white text looks on a background with the YUV color 107.2080, 28.4915,

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

107.2080, 28.4915, 55.0686

Protanopia

102.0050, 49.2975, -38.5924

Deuteranopia

107.7200, 24.7880, -17.2944



Tritanopia

108.7070, -8.7296, 46.7380

Trichromacy



Original Color

107.2080, 28.4915, 55.0686



Protanomaly

103.9770, 41.9163, -4.3648



Deuteranomaly

107.6400, 26.3065, 9.0857



Tritanomaly

107.9860, 4.9369, 50.0013

Monochromacy



Original Color

107.2080, 28.4915, 55.0686



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.8790, 10.4127, 20.2771

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2080, 28.4915, 55.0686 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, 64, 165)` looks like.

```
.text, #text, p{  
    color:rgb(170, 64, 165)  
}
```

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, 64, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 64, 165) }
```

Border

The CSS property to change the border of an element to YUV 107.2080, 28.4915, 55.0686 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, 64, 165) }
```


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

```
.border{ border-color:rgb(170, 64, 165) }
```

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

Here you see how a box with a 4 pixel rgb(170, 64, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 64, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 64, 165);  
box-shadow:4px 4px 4px 4px rgb(170, 64,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 107.2080, 28.4915, 55.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 64, 165) }
```

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

```
.background{ background-color: rgb(170, 64,  
165) }
```

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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