

Converting Colors

YUV(106.3540, 6.7275, 35.6465)

Have a look what the booklet for
YUV(106.3540, 6.7275, 35.6465)
contains.

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Color

**YUV(106.3540, 6.7275,
35.6465)**

Conversions

Conversions Part 1

Format	Color
Hex	935378
RGB	147, 83, 120
RGB Percent	58%, 33%, 47%
CMY	0.4235, 0.6745, 0.5294
CMYK	0.00, 0.44, 0.18, 0.42
HSL	325°, 28%, 45%
HSV	325°, 44%, 58%
XYZ	18.5160, 13.7456, 19.4466
YIQ	106.3540, 26.2670, 25.0750

Conversions

Conversions Part 2

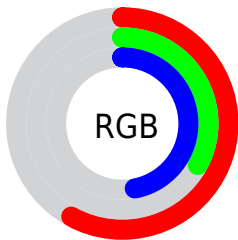
Format	Color
R_{YB}	147, 83, 120
Decimal	9655160
CIE _{Lab}	43.87, 31.81, -9.41
CIE _{LCh}	44, 33.171, 343.513
Yxy	13.7456, 0.3581, 0.2658
Android (android.graphics.Color)	4287845240 (0xFF935378)
YUV	106.3540, 6.7275, 35.6465
Hunter-Lab	37.0751, 24.2651, -5.1461

Details

The YUV color **106.3540, 6.7275, 35.6465** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.6460, -6.7275, -35.6465**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6640, 6.5746, 38.0057**, and **57.1580, 7.3171, 33.1874** is the 20% darker color. If you saturate the color by 10%, you get **96.8650, 8.4476, 43.9684**, and if you desaturate by 10%, it is **115.8430, 5.0074, 27.3247**.

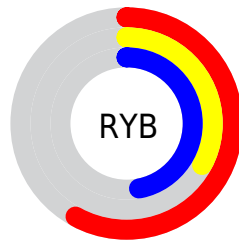
Distribution



Red (58%)

Green (33%)

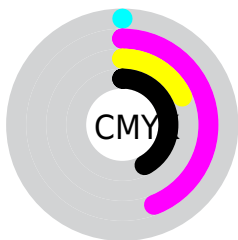
Blue (47%)



Red (58%)

Yellow (33%)

Blue (47%)

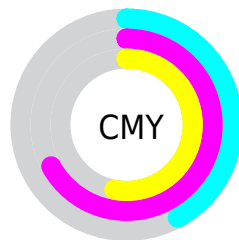


Cyan (0%)

Magenta (44%)

Yellow (18%)

Black (42%)



Cyan (42%)

Magenta (67%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.3540, 6.7275, 35.6465 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 106.3540, 6.7275, 35.6465 by changing the saturation by 10% instead.

 106.3540, 6.7275,
35.6465


 106.3540, 6.7275,
35.6465

255.0000, 0.0000,
0.0000

 81.3430, 6.7329,
33.9022

 158.6640, 6.5746,
38.0057


 57.1580, 7.3171,
33.1874


 186.3760, 6.7166,
39.1352


 31.7990, 8.4801,
33.5023

 212.5930, 7.5957,
37.1909

 16.9460, 5.4496,
25.4804

 232.1070, 11.2862,
20.0772

 4.1860, -2.0637,
8.6069

 249.1300, 2.8939,
5.1480

 0.0000, 0.0000,
0.0000

106.3540, 6.7275,
35.6465

106.3540, 6.7275,
35.6465

96.8650, 8.4476,
43.9684

115.8430, 5.0074,
27.3247

87.9630, 9.8782,
51.7754

124.7450, 3.5767,
19.5176

78.3600, 11.1615,
60.1973

134.3480, 2.2934,
11.0958

68.8710, 12.8816,
68.5191

143.8370, 0.5734,
2.7740

59.9690, 14.3123,
76.3262

153.3260, -1.1467,
-5.5479

53.6430, 15.4590,
81.8741

162.2280, -2.5774,
-13.3550

171.7170, -4.2975,
-21.6768

181.3200, -5.5808,

-30.0986

■ 190.2220, -7.0114,
-37.9057

Harmonies

Analogous

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



106.8980, 18.2913, 13.2445



106.3540, 6.7275, 35.6465



104.6790, -6.2507, 45.0085

Triad

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



106.3540, 6.7275, 35.6465



99.9860, -25.6291, 7.0283



84.1660, 28.0192, -73.8136

Complementary

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



106.3540, 6.7275, 35.6465



123.6460, -6.7275, -35.6465

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.



82.4900, 16.5204, -72.3437



106.3540, 6.7275, 35.6465



96.7210, -17.1175, -16.4183

Square

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



106.3540, 6.7275, 35.6465



102.4060, -25.8362, 26.8309



89.3610, -1.1640, -46.7976



83.2400, 35.8707, -72.1245

Rectangle

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



106.3540, 6.7275, 35.6465



103.9040, -14.2497, 43.9342



89.3610, -1.1640, -46.7976



83.8410, 24.2354, -73.5286

Sweetspot

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



106.3540, 6.7275, 35.6465



175.1850, 2.8668, 13.8698



98.3690, 23.9751, 10.2004



86.8100, 1.5727, 8.9366



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



106.3540, 6.7275, 35.6465



128.0990, 10.3042, 55.1642



102.7060, -7.2501, 38.8458



69.5490, 0.7153, 3.9035



50.3820, 14.6017, 76.8410



3.6740, 1.1467, 5.5479

Inverse Universe

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



106.3540, 6.7275, 35.6465



128.0990, 10.3042, 55.1642



127.2940, 7.2501, -38.8458



69.5490, 0.7153, 3.9035



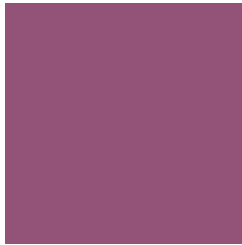
50.3820, 14.6017, 76.8410



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 106.3540, 6.7275, 35.6465 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 106.3540, 6.7275, 35.6465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

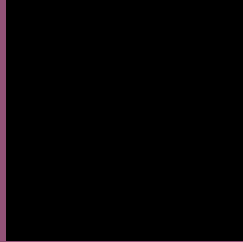
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.3540, 6.7275, 35.6465

Background



This preview shows how black text looks on a background with the YUV color 106.3540, 6.7275, 35.6465.



This preview shows how white text looks on a background with the YUV color 106.3540, 6.7275,

35.6465.

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

106.3540, 6.7275, 35.6465

Protanopia

104.4410, 14.5726, -7.4028

Deuteranopia

104.9170, 5.9569, 2.7038



Tritanopia

105.5420, -5.1972, 33.7277

Trichromacy



Original Color

106.3540, 6.7275, 35.6465

Protanomaly

105.4430, 11.6136, 8.3815

Deuteranomaly

105.1080, 6.3558, 14.8143

Tritanomaly

105.6930, -0.8346, 34.4722

Monochromacy



Original Color

106.3540, 6.7275, 35.6465

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.3590, 2.2880, 12.8402

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.3540, 6.7275, 35.6465 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(147, 83, 120)` looks like.

```
.text, #text, p{  
    color:rgb(147, 83, 120)  
}
```

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(147, 83, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 83, 120) }
```

Border

The CSS property to change the border of an element to YUV 106.3540, 6.7275, 35.6465 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(147, 83, 120) }
```


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

```
.border{ border-color:rgb(147, 83, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 83, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 83, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 83, 120);  
box-shadow:4px 4px 4px 4px rgb(147, 83,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 106.3540, 6.7275, 35.6465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 83, 120) }
```

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

```
.background{ background-color: rgb(147, 83,  
120) }
```

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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