

Converting Colors

YUV(106.3040, 12.6681,
43.5834)

Have a look what the booklet for
YUV(106.3040, 12.6681, 43.5834)
contains.

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Color

**YUV(106.3040, 12.6681,
43.5834)**

Conversions

Conversions Part 1

Format	Color
Hex	9C4C84
RGB	156, 76, 132
RGB Percent	61%, 30%, 52%
CMY	0.3882, 0.7020, 0.4824
CMYK	0.00, 0.51, 0.15, 0.39
HSL	318°, 34%, 45%
HSV	318°, 51%, 61%
XYZ	20.4596, 13.9027, 23.4350
YIQ	106.3040, 29.7040, 34.3760

Conversions

Conversions Part 2

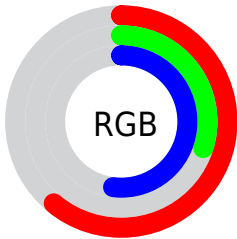
Format	Color
RYB	156, 76, 132
Decimal	10243204
CIELab	44.09, 40.63, -16.25
CIELCh	44, 43.762, 338.205
Yxy	13.9027, 0.3540, 0.2405
Android (android.graphics.Color)	4288433284 (0xFF9C4C84)
YUV	106.3040, 12.6681, 43.5834
Hunter-Lab	37.2864, 32.6945, -11.1640

Details

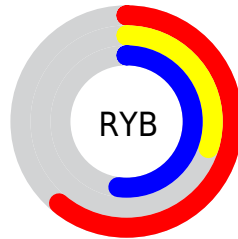
The YUV color **106.3040, 12.6681, 43.5834** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **125.6960, -12.6681, -43.5834**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6140, 12.5153, 45.9425**, and **53.9340, 13.8365, 42.1539** is the 20% darker color. If you saturate the color by 10%, you get **96.3420, 15.1144, 52.3201**, and if you desaturate by 10%, it is **116.2660, 10.2219, 34.8467**.

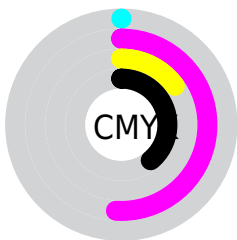
Distribution



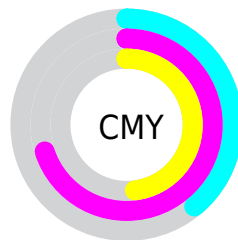
- Red (61%)
- Green (30%)
- Blue (52%)



- Red (61%)
- Yellow (30%)
- Blue (52%)



- Cyan (0%)
- Magenta (51%)
- Yellow (15%)
- Black (39%)





- Cyan (39%)
- Magenta (70%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.3040, 12.6681, 43.5834 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 106.3040, 12.6681, 43.5834 by changing the saturation by 10% instead.


 106.3040, 12.6681,
43.5834


 106.3040, 12.6681,
43.5834


255.0000, 0.0000,
0.0000


 80.7060, 12.9629,
42.3538


 159.6140, 12.5153,
45.9425


 53.9340, 13.8365,
42.1539


 187.3260, 12.6573,
47.0721


 29.7490, 14.4207,
41.4391

 210.5530, 15.0104,
38.9800

 19.7660, 8.4964,
28.2692

 228.5850, 13.0226,
23.1660

 9.1850, 2.8668,
13.8698

 245.6080, 4.6303,
8.2368

 0.0000, 0.0000,
0.0000

106.3040, 12.6681,
43.5834

106.3040, 12.6681,
43.5834

96.3420, 15.1144,
52.3201

116.2660, 10.2219,
34.8467

87.0810, 17.7081,
60.4420

125.5270, 7.6282,
26.7248

77.1190, 20.1543,
69.1786

135.4890, 5.1819,
17.9881

67.7440, 22.3112,
77.4005

144.8640, 3.0250,
9.7663

59.0700, 24.6155,
85.0076

154.7120, 0.1420,
1.1296

164.6740, -2.3043,
-7.6071

174.0490, -4.4612,
-15.8290

183.8970, -7.3442,

-24.4657

■ 193.2720, -9.5011,
-32.6875

Harmonies

Analogous

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



106.8790, 27.1747, 10.6301



106.3040, 12.6681, 43.5834



103.7500, -3.8207, 58.9783

Triad

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



106.3040, 12.6681, 43.5834



99.1580, -36.5599, 13.0164



87.8990, 29.6298, -77.0874

Complementary

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



106.3040, 12.6681, 43.5834



125.6960, -12.6681, -43.5834

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.



84.4960, 14.0525, -74.1030



106.3040, 12.6681, 43.5834



94.8320, -25.5532, -17.3927

Square

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



106.3040, 12.6681, 43.5834



101.9360, -32.9994, 37.7671



79.1040, -1.5303, -69.3742



86.9990, 41.4125, -76.2981

Rectangle

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



106.3040, 12.6681, 43.5834



102.7640, -15.1667, 58.0890



79.1040, -1.5303, -69.3742



86.7590, 25.2618, -76.0876

Sweetspot

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



106.3040, 12.6681, 43.5834



184.7770, 5.0399, 16.8586



92.2960, 31.4061, 6.7564



90.7500, 2.5882, 9.8663



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



106.3040, 12.6681, 43.5834



125.7060, 19.8649, 68.6638



101.7440, -4.8038, 47.5825



74.0760, 1.4415, 4.3183



54.1570, 22.6006, 77.9153



5.7390, 2.5937, 8.1219

Inverse Universe

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



106.3040, 12.6681, 43.5834



125.7060, 19.8649, 68.6638



130.2560, 4.8038, -47.5825



74.0760, 1.4415, 4.3183



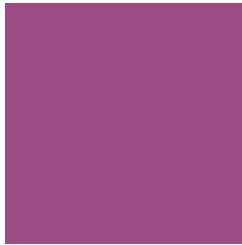
54.1570, 22.6006, 77.9153



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 106.3040, 12.6681, 43.5834 looks on a white background.

Color Contrast Check

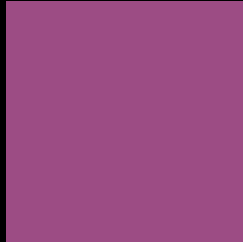
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.3040, 12.6681, 43.5834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

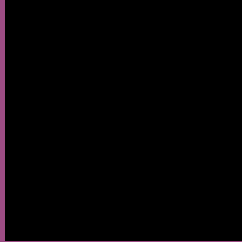
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.3040, 12.6681, 43.5834

Background



This preview shows how black text looks on a background with the YUV color 106.3040, 12.6681, 43.5834.



This preview shows how white text looks on a background with the YUV color 106.3040, 12.6681,

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

106.3040, 12.6681, 43.5834

Protanopia

104.4000, 23.4668, -13.5058

Deuteranopia

106.1490, 10.7725, -1.8847



Tritanopia

105.7170, -7.2555, 40.5902

Trichromacy



Original Color

106.3040, 12.6681, 43.5834

Protanomaly

104.9080, 19.7654, 7.0967

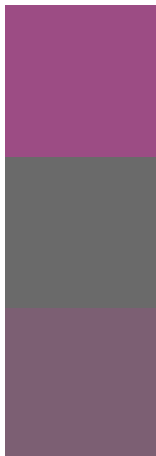
Deuteranomaly

106.0740, 11.3025, 14.8441

Tritanomaly

105.9650, 0.0173, 41.2497

Monochromacy



Original Color

106.3040, 12.6681, 43.5834

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9510, 4.4612, 15.8290

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.3040, 12.6681, 43.5834 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(156, 76, 132)` looks like.

```
.text, #text, p{  
    color:rgb(156, 76, 132)  
}
```

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(156, 76, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 76, 132) }
```

Border

The CSS property to change the border of an element to YUV 106.3040, 12.6681, 43.5834 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(156, 76, 132) }
```


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

```
.border{ border-color:rgb(156, 76, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 76, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 76, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 76, 132);  
box-shadow:4px 4px 4px 4px rgb(156, 76,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 106.3040, 12.6681, 43.5834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 76, 132) }
```

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

```
.background{ background-color: rgb(156, 76,  
132) }
```

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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