

Converting Colors

YUV(106.1420, -48.8770,
43.7255)

Have a look what the booklet for
YUV(106.1420, -48.8770, 43.7255)
contains.

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Color

**YUV(106.1420, -48.8770,
43.7255)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6407
RGB	156, 100, 7
RGB Percent	61%, 39%, 3%
CMY	0.3882, 0.6078, 0.9725
CMYK	0.00, 0.36, 0.96, 0.39
HSL	37°, 91%, 32%
HSV	37°, 96%, 61%
XYZ	18.3058, 16.1976, 2.3626
YIQ	106.1420, 63.2290, -17.0510

Conversions

Conversions Part 2

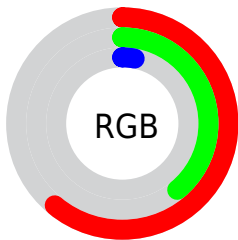
Format	Color
R_{YB}	97, 156, 7
Decimal	10249223
CIE _{Lab}	47.23, 16.19, 53.24
CIE _{LCh}	47, 55.646, 73.081
Yxy	16.1976, 0.4965, 0.4394
Android (android.graphics.Color)	4288439303 (0xFF9C6407)
YUV	106.1420, -48.8770, 43.7255
Hunter-Lab	40.2462, 10.7590, 24.6918

Details

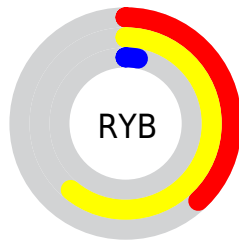
The YUV color **106.1420, -48.8770, 43.7255** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **56.8580, 48.8770, -43.7255**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3320, -46.9987, 47.9438**, and **60.7120, -29.9310, 33.5786** is the 20% darker color. If you saturate the color by 10%, you get **103.5830, -51.0664, 45.9697**, and if you desaturate by 10%, it is **111.4880, -43.6246, 39.0370**.

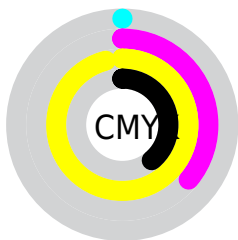
Distribution



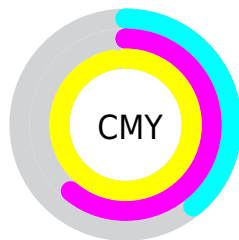
- Red (61%)
- Green (39%)
- Blue (3%)



- Red (38%)
- Yellow (61%)
- Blue (3%)



- Cyan (0%)
- Magenta (36%)
- Yellow (96%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.1420, -48.8770, 43.7255 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 106.1420, -48.8770, 43.7255 by changing the saturation by 10% instead.

■ 106.1420,
-48.8770, 43.7255

■ 106.1420,
-48.8770, 43.7255

■ 255.0000, 0.0000,
0.0000

■ 82.5850, -40.7144,
38.9520

■ 160.3320,
-46.9987, 47.9438

■ 60.7120, -29.9310,
33.5786

■ 188.4140,
-48.0251, 50.5029

■ 40.0130, -19.7264,
27.1756

■ 209.9180,
-45.8086, 39.5369

■ 19.9120, -9.8166,
22.0022

■ 229.3180,
-42.5548, 22.5231


■ 3.2890, -1.6215,
6.7625


■ 245.4240,
-36.6910, 8.3982


■ 0.0000, 0.0000,
0.0000

■ 248.6160,


-24.4607, 5.5988


 251.8080,
-12.2303, 2.7994


 106.1420,
-48.8770, 43.7255


 106.1420,
-48.8770, 43.7255


 103.5830,
-51.0664, 45.9697

 111.4880,
-43.6246, 39.0370

 116.7200,
-38.8090, 34.4486

 122.0660,
-33.5565, 29.7601

 126.7110,
-28.4515, 25.6865

 132.0570,
-23.1991, 20.9980

■ 137.4030,
-17.9467, 16.3096

■ 142.6350,
-13.1311, 11.7211

■ 147.9810, -7.8786,
7.0327

■ 153.2130, -3.0630,
2.4442

Harmonies

Analogous

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



107.9750, -28.5817, 67.5509



106.1420, -48.8770, 43.7255



102.4770, -50.5212, 10.9827

Triad

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



106.1420, -48.8770, 43.7255



93.7060, 18.8789, -82.1802



115.3240, 32.3783, 21.6409

Complementary

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



106.1420, -48.8770, 43.7255



56.8580, 48.8770, -43.7255

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.



102.1670, 50.2037, -49.2585



106.1420, -48.8770, 43.7255



97.4340, 38.2400, -85.4496

Square

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



106.1420, -48.8770, 43.7255



86.9460, -1.9454, -76.2516



96.4030, 52.0593, -84.5454



110.8810, 14.3557, 62.3714

Rectangle

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



106.1420, -48.8770, 43.7255



99.8140, -38.3623, -15.6229



96.4030, 52.0593, -84.5454



113.9950, 37.9635, 3.5124

Sweetspot

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



106.1420, -48.8770, 43.7255



184.3600, -19.4045, 17.2243



58.0490, 2.9338, 85.9030



90.2650, -11.9626, 10.2916



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.



106.1420, -48.8770, 43.7255



135.5450, -66.8237, 60.0350



133.9310, -62.5770, 4.4455



76.3270, -2.6262, 2.3442



95.0000, -46.8350, 42.0960



10.3550, -5.1050, 4.0737

Inverse Universe

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



56.8580, 48.8770, -43.7255



68.4550, 66.8237, -60.0350



29.0690, 62.5770, -4.4455



73.6730, 2.6262, -2.3442



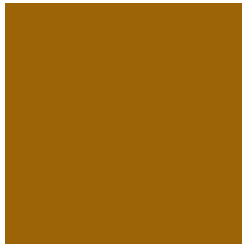
48.0000, 46.8350, -42.0960



5.2320, 4.8156, -4.5885

Previews

White Background



This preview shows how the YUV color 106.1420, -48.8770, 43.7255 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 106.1420, -48.8770, 43.7255 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 106.1420, -48.8770, 43.7255

Background



This preview shows how black text looks on a background with the YUV color 106.1420, -48.8770, 43.7255.



This preview shows how white text looks on a background with the YUV color 106.1420, -48.8770,

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

106.1420, -48.8770, 43.7255

Protanopia

105.7860, -45.7435, 18.6047

Deuteranopia

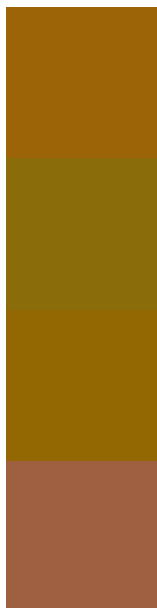
105.2670, -51.8966, 32.2148



Tritanopia

113.8310, -6.8187, 40.4902

Trichromacy



Original Color

106.1420, -48.8770, 43.7255

Protanomaly

105.9120, -46.7916, 28.1412

Deuteranomaly

105.3430, -50.4551, 36.5332

Tritanomaly

111.4170, -22.3906, 41.7303

Monochromacy



Original Color

106.1420, -48.8770, 43.7255

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1040, -17.7993, 15.6948

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.1420, -48.8770, 43.7255 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, 100, 7)` looks like.

```
.text, #text, p{  
    color:rgb(156, 100, 7)  
}
```

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, 100, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 100, 7) }
```

Border

The CSS property to change the border of an element to YUV 106.1420, -48.8770, 43.7255 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, 100, 7) }
```


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

```
.border{ border-color:rgb(156, 100, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 100, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 100, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 100, 7);  
box-shadow:4px 4px 4px 4px rgb(156, 100,  
7) }
```

Background

The CSS property to change the background color of an element to YUV 106.1420, -48.8770, 43.7255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 100, 7) }
```

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

```
.background{ background-color: rgb(156,  
100, 7) }
```

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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