

Converting Colors

YUV(106.3560, 16.5865,
-46.7932)

Have a look what the booklet for
YUV(106.3560, 16.5865, -46.7932)
contains.

YUV(106.3560, 16.5865, -46.7932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(106.3560, 16.5865,
-46.7932)**

Conversions

Conversions Part 1

Format	Color
Hex	357F8C
RGB	53, 127, 140
RGB Percent	21%, 50%, 55%
CMY	0.7922, 0.5020, 0.4510
CMYK	0.62, 0.09, 0.00, 0.45
HSL	189°, 45%, 38%
HSV	189°, 62%, 55%
XYZ	13.7912, 17.8291, 27.5254
YIQ	106.3560, -48.2770, -11.6450

Conversions

Conversions Part 2

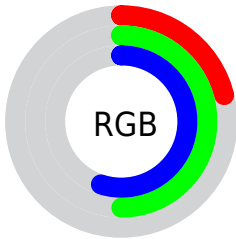
Format	Color
RYB	53, 93, 140
Decimal	3506060
CIELab	49.29, -18.68, -13.89
CIElCh	49, 23.277, 216.650
Yxy	17.8291, 0.2332, 0.3014
Android (android.graphics.Color)	4281696140 (0xFF357F8C)
YUV	106.3560, 16.5865, -46.7932
Hunter-Lab	42.2245, -15.5919, -9.0930

Details

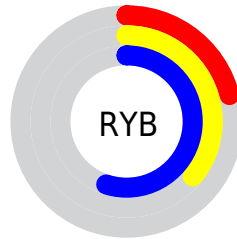
The YUV color **106.3560, 16.5865, -46.7932** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.6440, -16.5865, 46.7932**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3670, 16.5811, -45.0489**, and **56.0460, 16.7393, -49.1523** is the 20% darker color. If you saturate the color by 10%, you get **100.9960, 19.2290, -54.3705**, and if you desaturate by 10%, it is **111.7160, 13.9440, -39.2159**.

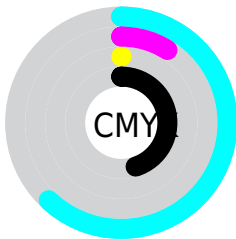
Distribution



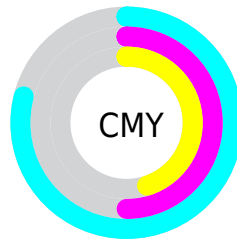
- Red (21%)
- Green (50%)
- Blue (55%)



- Red (21%)
- Yellow (36%)
- Blue (55%)



- Cyan (62%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (79%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.3560, 16.5865, -46.7932 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 106.3560, 16.5865, -46.7932 by changing the saturation by 10% instead.

■ 106.3560, 16.5865,
-46.7932

■ 106.3560, 16.5865,
-46.7932

■ 255.0000, 0.0000,
0.0000

■ 78.2520, 17.6238,
-52.8410

■ 160.3670, 16.5811,
-45.0489

■ 56.0460, 16.7393,
-49.1523

■ 188.2530, 16.1443,
-44.9489

■ 39.9230, 13.3490,
-35.0125

■ 216.3670, 16.5811,
-45.0489

■ 24.3870, 9.6692,
-21.3874

■ 236.4620, 9.1392,
-38.1162

■ 3.3230, 10.1938,
-2.9143

■ 245.1330, 4.8644,
-20.2876

■ 0.0000, 0.0000,
0.0000

■ 253.8040, 0.5896,

-2.4591

■ 106.3560, 16.5865,
-46.7932

■ 106.3560, 16.5865,
-46.7932

■ 100.9960, 19.2290,
-54.3705

■ 111.7160, 13.9440,
-39.2159

■ 95.6360, 21.8715,
-61.9478

■ 117.0760, 11.3015,
-31.6387

■ 90.2760, 24.5139,
-69.5251

■ 122.4360, 8.6591,
-24.0614

■ 85.8130, 26.7142,
-75.2580

■ 127.7960, 6.0166,
-16.4841

■ 133.1560, 3.3741,
-8.9068

■ 139.1030, 0.4422,
-1.8443

■ 144.4630, -2.2003,
5.7329

■ 149.8230, -4.8427,
13.3102

■ 155.1830, -7.4852,
20.8875

Harmonies

Analogous

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



107.1690, 6.8187, -40.4902



106.3560, 16.5865, -46.7932



110.2740, 21.0639, -36.1973

Triad

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



106.3560, 16.5865, -46.7932



120.4510, 6.1867, 22.4065



115.5440, -18.5092, 10.0469

Complementary

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



106.3560, 16.5865, -46.7932



86.6440, -16.5865, 46.7932

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.



117.4470, -17.9684, 23.2870



106.3560, 16.5865, -46.7932



119.4000, -3.1552, 32.0982

Square

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



106.3560, 16.5865, -46.7932



119.8170, 14.3872, 5.4225



118.8100, -11.7383, 31.7386



113.2860, -13.9450, -7.2668

Rectangle

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



106.3560, 16.5865, -46.7932



114.5360, 20.4418, -23.2721



118.8100, -11.7383, 31.7386



116.1640, -18.8149, 14.7652

Sweetspot

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



106.3560, 16.5865, -46.7932



167.8990, 6.4588, -18.3284



105.4370, -19.9354, -45.9872



83.9600, 3.9637, -11.3659



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



106.3560, 16.5865, -46.7932



128.5960, 25.8352, -73.3137



81.7020, 28.7409, -25.1717



66.3200, 1.3212, -3.7886



81.4930, 25.3930, -71.4694



2.9180, 1.0264, -2.5591

Inverse Universe

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



87.4490, 19.4986, 46.0872



98.8880, 30.6212, 72.0122



111.2980, -28.7409, 25.1717



64.7770, 1.5889, 3.7036



52.6490, 29.7530, 70.4678



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 106.3560, 16.5865, -46.7932 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 106.3560, 16.5865, -46.7932 looks on a black 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

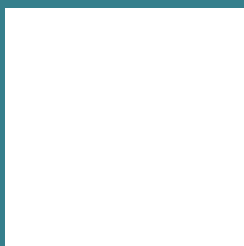
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.3560, 16.5865, -46.7932

Background



This preview shows how black text looks on a background with the YUV color 106.3560, 16.5865, -46.7932.

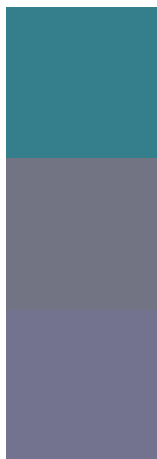


This preview shows how white text looks on a background with the YUV color 106.3560, 16.5865, -46.7932.

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

106.3560, 16.5865, -46.7932

Protanopia

117.2260, 7.2836, -2.8292

Deuteranopia

117.6050, 12.5197, -2.2846



Tritanopia

105.8290, 15.8603, -47.2080

Trichromacy



Original Color

106.3560, 16.5865, -46.7932

Protanomaly

113.3380, 10.6794, -18.7134

Deuteranomaly

113.5490, 14.0263, -18.8985

Tritanomaly

105.9430, 16.2971, -47.3080

Monochromacy



Original Color

106.3560, 16.5865, -46.7932

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.3830, 5.7272, -16.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.3560, 16.5865, -46.7932 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(53, 127, 140)` looks like.

```
.text, #text, p{  
    color:rgb(53, 127, 140)  
}
```

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(53, 127, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 127, 140) }
```

Border

The CSS property to change the border of an element to YUV 106.3560, 16.5865, -46.7932 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(53, 127, 140) }
```


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

```
.border{ border-color:rgb(53, 127, 140) }
```

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

Here you see how a box with a 4 pixel rgb(53, 127, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 127, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 127, 140);  
box-shadow:4px 4px 4px 4px rgb(53, 127,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 106.3560, 16.5865, -46.7932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 127, 140) }
```

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

```
.background{ background-color: rgb(53, 127,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor