

# Converting Colors

YUV(98.7350, 21.8226,  
-46.2486)

Have a look what the booklet for  
YUV(98.7350, 21.8226, -46.2486)  
contains.

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# Color

**YUV(98.7350, 21.8226,  
-46.2486)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E758F
RGB	46, 117, 143
RGB Percent	18%, 46%, 56%
CMY	0.8196, 0.5412, 0.4392
CMYK	0.68, 0.18, 0.00, 0.44
HSL	196°, 51%, 37%
HSV	196°, 68%, 56%
XYZ	12.4459, 15.2866, 28.2812
YIQ	98.7350, -50.6620, -6.9660

# Conversions

## Conversions Part 2

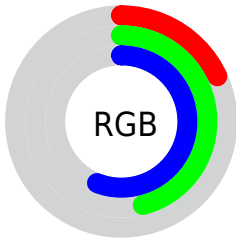
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	46, 87, 143
Decimal	3044751
CIE Lab	46.02, -13.44, -20.67
CIE LCh	46, 24.657, 236.959
Yxy	15.2866, 0.2222, 0.2729
Android (android.graphics.Color)	4281234831 (0xFF2E758F)
YUV	98.7350, 21.8226, -46.2486
Hunter-Lab	39.0981, -11.6005, -15.5182

# Details

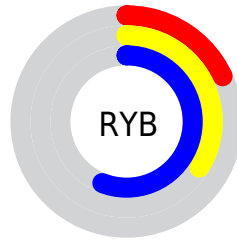
The YUV color **98.7350, 21.8226, -46.2486** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90.2650, -21.8226, 46.2486**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.4580, 21.9592, -43.3747**, and **51.1050, 20.6542, -44.8191** is the 20% darker color. If you saturate the color by 10%, you get **92.2010, 25.0439, -52.7963**, and if you desaturate by 10%, it is **105.2690, 18.6014, -39.7009**.

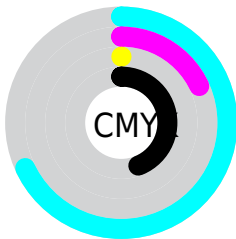
# Distribution



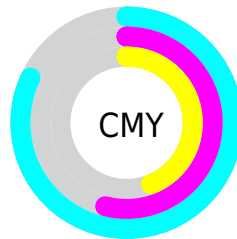
- Red (18%)
- Green (46%)
- Blue (56%)



- Red (18%)
- Yellow (34%)
- Blue (56%)



- Cyan (68%)
- Magenta (18%)
- Yellow (0%)
- Black (44%)



- Cyan (82%)
- Magenta (54%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 98.7350, 21.8226, -46.2486 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 98.7350, 21.8226, -46.2486 by changing the saturation by 10% instead.



■ 98.7350, 21.8226,  
-46.2486

■ 98.7350, 21.8226,  
-46.2486

■ 255.0000, 0.0000,  
0.0000

■ 68.2390, 24.0392,  
-57.2146

■ 152.4580, 21.9592,  
-43.3747

■ 51.1050, 20.6542,  
-44.8191

■ 179.8710, 22.2486,  
-42.8599

■ 34.8680, 16.8271,  
-30.5792

■ 207.9850, 22.6854,  
-42.9598

■ 21.0930, 12.2792,  
-18.4986

■ 233.7930, 10.4551,  
-40.1605

■ 3.5510, 11.0674,  
-3.1142

■ 243.6380, 5.6015,  
-23.3615

■ 0.0000, 0.0000,  
0.0000

■ 252.3090, 1.3267,

-5.5330

■ 98.7350, 21.8226,  
-46.2486

■ 98.7350, 21.8226,  
-46.2486

■ 92.2010, 25.0439,  
-52.7963

■ 105.2690, 18.6014,  
-39.7009

■ 85.3680, 28.4126,  
-59.9587

■ 112.1020, 15.2327,  
-32.5385

■ 79.4210, 31.3444,  
-67.0212

■ 118.0490, 12.3008,  
-25.4760

■ 77.9370, 32.0761,  
-68.3507

■ 124.5830, 9.0796,  
-18.9283

■ 131.1170, 5.8583,  
-12.3806

■ 137.9500, 2.4897,  
-5.2181

■ 144.4840, -0.7316,  
1.3295

■ 151.0180, -3.9529,  
7.8772

■ 157.2640, -7.0322,  
15.5545

# Harmonies

## Analogous

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



95.3830, 15.5872, -52.9559



98.7350, 21.8226, -46.2486



105.8670, 21.7576, -25.3164

# Triad

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



98.7350, 21.8226, -46.2486



111.3120, 0.3392, 31.2984



105.6350, -16.5821, -1.4339

# Complementary

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



98.7350, 21.8226, -46.2486



90.2650, -21.8226, 46.2486

# 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.



107.9360, -19.6884, 14.9651



98.7350, 21.8226, -46.2486



110.6900, -9.7072, 33.5979

# Square

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



98.7350, 21.8226, -46.2486



111.7540, 9.9813, 18.6327



109.4090, -16.9636, 27.7053



102.9900, -8.3761, -20.1622



# Rectangle

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



98.7350, 21.8226, -46.2486



109.2820, 19.0880, -9.0173



109.4090, -16.9636, 27.7053



106.2120, -18.3455, 4.1991

# Sweetspot

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



98.7350, 21.8226, -46.2486



169.0670, 8.3480, -17.5988



105.9030, -16.7142, -52.5349



83.9000, 4.9793, -10.4363



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



98.7350, 21.8226, -46.2486



117.3710, 33.8341, -72.2394



70.5590, 35.7134, -21.5382



67.7330, 1.6106, -3.2738



73.5030, 30.3180, -64.4621



4.4340, 1.7580, -3.8886



# Inverse Universe

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



83.0970, 16.7142, 52.5349



92.8030, 26.2261, 81.7338



118.4410, -35.7134, 21.5382



66.6630, 1.1521, 3.8035



51.6510, 23.3431, 73.0971



3.0760, 1.4415, 4.3183



# Previews

## White Background



This preview shows how the YUV color 98.7350, 21.8226, -46.2486 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 98.7350, 21.8226, -46.2486 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

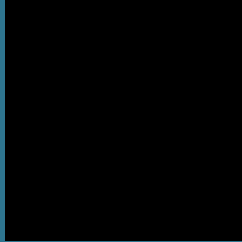
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 98.7350, 21.8226, -46.2486

## Background



This preview shows how black text looks on a background with the YUV color 98.7350, 21.8226, -46.2486.



This preview shows how white text looks on a background with the YUV color 98.7350, 21.8226,



# 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

98.7350, 21.8226, -46.2486

### Protanopia

108.5120, 13.5516, -6.5880

### Deuteranopia

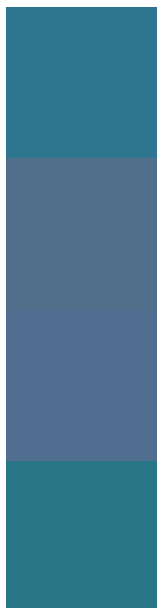
108.9400, 17.7776, -8.7174



## Tritanopia

95.9210, 16.3079, -50.7967

# Trichromacy



## Original Color

98.7350, 21.8226, -46.2486

## Protanomaly

105.2220, 16.6526, -21.2427

## Deuteranomaly

105.4930, 18.9840, -22.3574

## Tritanomaly

96.8010, 18.3391, -48.9375

# Monochromacy



## Original Color

98.7350, 21.8226, -46.2486

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

99.2520, 7.7638, -16.8840

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.7350, 21.8226, -46.2486 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(46, 117, 143)` looks like.

```
.text, #text, p{  
    color:rgb(46, 117, 143)  
}
```

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(46, 117, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 117, 143) }
```

## Border

The CSS property to change the border of an element to YUV 98.7350, 21.8226, -46.2486 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(46, 117, 143) }
```



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

```
.border{ border-color:rgb(46, 117, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 117, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 117, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 117, 143);  
box-shadow:4px 4px 4px 4px rgb(46, 117,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 98.7350, 21.8226, -46.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 117, 143) }
```

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

```
.background{ background-color: rgb(46, 117,  
143) }
```

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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