

Converting Colors

YUV(98.3570, 31.8690,
-48.5481)

Have a look what the booklet for
YUV(98.3570, 31.8690, -48.5481)
contains.

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Color

**YUV(98.3570, 31.8690,
-48.5481)**

Conversions

Conversions Part 1

Format	Color
Hex	2B72A3
RGB	43, 114, 163
RGB Percent	17%, 45%, 64%
CMY	0.8314, 0.5529, 0.3608
CMYK	0.74, 0.30, 0.00, 0.36
HSL	204°, 58%, 40%
HSV	204°, 74%, 64%
XYZ	13.6244, 15.1926, 36.8647
YIQ	98.3570, -58.0450, 0.1870

Conversions

Conversions Part 2

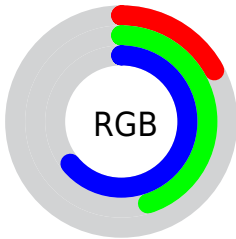
Format	Color
R _Y B	43, 88, 163
Decimal	2847395
CIE Lab	45.90, -5.12, -32.68
CIE LCh	46, 33.075, 261.093
Yxy	15.1926, 0.2074, 0.2313
Android (android.graphics.Color)	4281037475 (0xFF2B72A3)
YUV	98.3570, 31.8690, -48.5481
Hunter-Lab	38.9776, -5.8171, -28.7916

Details

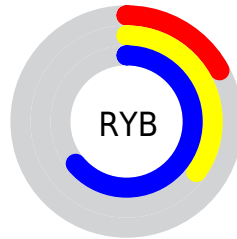
The YUV color **98.3570, 31.8690, -48.5481** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **107.6430, -31.8690, 48.5481**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3900, 31.8527, -43.3150**, and **51.3960, 29.3848, -45.0743** is the 20% darker color. If you saturate the color by 10%, you get **89.4640, 36.2532, -54.7809**, and if you desaturate by 10%, it is **107.2500, 27.4847, -42.3152**.

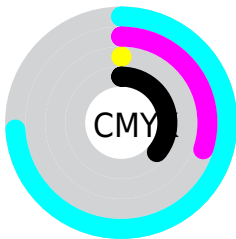
Distribution



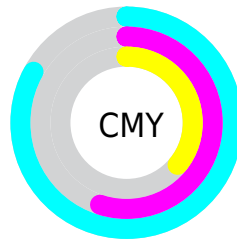
- Red (17%)
- Green (45%)
- Blue (64%)



- Red (17%)
- Yellow (35%)
- Blue (64%)



- Cyan (74%)
- Magenta (30%)
- Yellow (0%)
- Black (36%)



- Cyan (83%)
- Magenta (55%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.3570, 31.8690, -48.5481 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 98.3570, 31.8690, -48.5481 by changing the saturation by 10% instead.

■ 98.3570, 31.8690,
-48.5481

■ 98.3570, 31.8690,
-48.5481

■ 255.0000, 0.0000,
0.0000

■ 68.4480, 33.7961,
-60.0289

■ 153.3900, 31.8527,
-43.3150

■ 51.3960, 29.3848,
-45.0743

■ 181.2160, 32.4315,
-42.2854

■ 36.2190, 24.5420,
-31.7641

■ 207.2350, 23.5481,
-39.6711

■ 21.2700, 20.5729,
-18.6538

■ 232.3420, 11.1704,
-36.2569

■ 6.3210, 16.6037,
-5.5435

■ 244.5350, 5.1592,
-21.5172

■ 2.6390, 7.5730,
-2.3144

■ 253.5050, 0.7370,

■ 0.0000, 0.0000,

-3.0739

0.0000

■ 98.3570, 31.8690,
-48.5481

■ 98.3570, 31.8690,
-48.5481

■ 89.4640, 36.2532,
-54.7809

■ 107.2500, 27.4847,
-42.3152

■ 80.8590, 40.4955,
-62.1433

■ 115.8550, 23.2425,
-34.9528

■ 74.9340, 43.4165,
-65.7171

■ 124.7480, 18.8582,
-28.7200

■ 133.6410, 14.4740,
-22.4872

■ 142.2460, 10.2317,
-15.1247

■ 151.1390, 5.8475,
-8.8919

■ 160.0320, 1.4632,
-2.6591

■ 168.3380, -2.6316,
4.0886

■ 177.5300, -7.1633,
10.9362

Harmonies

Analogous

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



87.6540, 31.2296, -76.8726



98.3570, 31.8690, -48.5481



109.1770, 25.0557, -9.8022

Triad

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



98.3570, 31.8690, -48.5481



109.4680, -9.5977, 45.1936



100.3010, -13.4594, -23.0660

Complementary

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



98.3570, 31.8690, -48.5481



107.6430, -31.8690, 48.5481

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.



104.2950, -24.3024, 1.4953



98.3570, 31.8690, -48.5481



108.5630, -20.4906, 38.9712

Square

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



98.3570, 31.8690, -48.5481



111.1650, 3.3697, 39.3203



106.8570, -26.5515, 22.9274



91.8590, 3.5205, -56.0043

Rectangle

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



98.3570, 31.8690, -48.5481



112.1150, 19.1703, 11.3001



106.8570, -26.5515, 22.9274



102.5040, -17.9965, -14.4740

Sweetspot

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



98.3570, 31.8690, -48.5481



186.7940, 12.4266, -19.1133



118.9120, -13.7606, -66.5748



92.1710, 7.3107, -11.5510



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



98.3570, 31.8690, -48.5481



111.4750, 49.5588, -75.8386



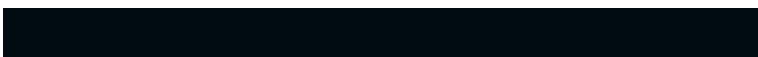
63.7240, 48.9431, -18.1749



76.9610, 2.4842, -3.4738



67.0120, 38.4481, -58.7695



8.5090, 4.6791, -7.4624

Inverse Universe

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



86.9740, 13.3238, 66.6748



93.5670, 20.9195, 103.8657



142.2760, -48.9431, 18.1749



76.2610, 0.8573, 5.0331



53.1590, 16.1906, 80.5446



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 98.3570, 31.8690, -48.5481 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 98.3570, 31.8690, -48.5481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

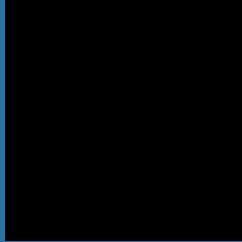
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.3570, 31.8690, -48.5481

Background



This preview shows how black text looks on a background with the YUV color 98.3570, 31.8690, -48.5481.

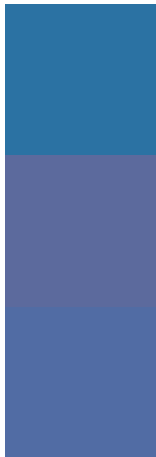


This preview shows how white text looks on a background with the YUV color 98.3570, 31.8690,

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

98.3570, 31.8690, -48.5481

Protanopia

107.6280, 24.3404, -13.7058

Deuteranopia

106.3110, 28.4407, -22.1977



Tritanopia

85.2600, 22.0568, -74.7730

Trichromacy



Original Color

98.3570, 31.8690, -48.5481

Protanomaly

104.2350, 26.9991, -26.5161

Deuteranomaly

103.2990, 29.9256, -31.8342

Tritanomaly

90.2380, 25.5187, -65.1067

Monochromacy



Original Color

98.3570, 31.8690, -48.5481

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.2780, 11.6949, -17.7838

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3570, 31.8690, -48.5481 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(43, 114, 163)` looks like.

```
.text, #text, p{  
    color:rgb(43, 114, 163)  
}
```

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(43, 114, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 114, 163) }
```

Border

The CSS property to change the border of an element to YUV 98.3570, 31.8690, -48.5481 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(43, 114, 163) }
```


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

```
.border{ border-color:rgb(43, 114, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 114, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 114, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 114, 163);  
box-shadow:4px 4px 4px 4px rgb(43, 114,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 98.3570, 31.8690, -48.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 114, 163) }
```

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

```
.background{ background-color: rgb(43, 114,  
163) }
```

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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