

Converting Colors

YUV(98.4490, -24.8714,
-49.5058)

Have a look what the booklet for
YUV(98.4490, -24.8714, -49.5058)
contains.

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Color

**YUV(98.4490, -24.8714,
-49.5058)**

Conversions

Conversions Part 1

Format	Color
Hex	2A8930
RGB	42, 137, 48
RGB Percent	16%, 54%, 19%
CMY	0.8353, 0.4627, 0.8118
CMYK	0.69, 0.00, 0.65, 0.46
HSL	124°, 53%, 35%
HSV	124°, 69%, 54%
XYZ	10.4340, 18.5970, 5.8359
YIQ	98.4490, -28.0510, -47.8190

Conversions

Conversions Part 2

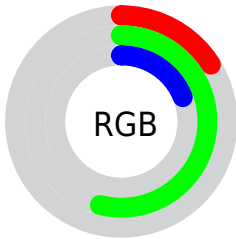
Format	Color
RYB	42, 131, 137
Decimal	2787632
CIELab	50.21, -45.99, 38.75
CIElCh	50, 60.139, 139.881
Yxy	18.5970, 0.2993, 0.5334
Android (android.graphics.Color)	4280977712 (0xFF2A8930)
YUV	98.4490, -24.8714, -49.5058
Hunter-Lab	43.1242, -32.2788, 22.1633

Details

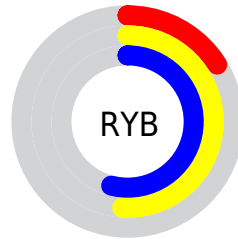
The YUV color **98.4490, -24.8714, -49.5058** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **80.5510, 24.8714, 49.5058**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4880, -27.3556, -46.0320**, and **50.4820, -24.8876, -44.2727** is the 20% darker color. If you saturate the color by 10%, you get **92.7810, -28.4860, -56.8129**, and if you desaturate by 10%, it is **104.1170, -21.2567, -42.1986**.

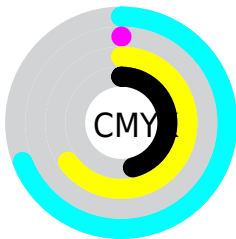
Distribution



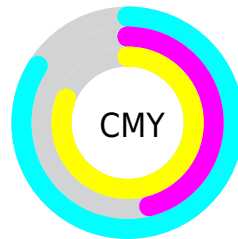
- Red (16%)
- Green (54%)
- Blue (19%)



- Red (16%)
- Yellow (51%)
- Blue (54%)



- Cyan (69%)
- Magenta (0%)
- Yellow (65%)
- Black (46%)





- Cyan (84%)
- Magenta (46%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.4490, -24.8714, -49.5058 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 98.4490, -24.8714, -49.5058 by changing the saturation by 10% instead.


 98.4490, -24.8714,
-49.5058

 98.4490, -24.8714,
-49.5058


255.0000, 0.0000,
0.0000


 67.7790, -22.0760,
-59.4422


 153.4880,
-27.3556, -46.0320


 50.4820, -24.8876,
-44.2727


 181.8470,
-28.5186, -46.3468


 35.8070, -17.6529,
-31.4027

 209.6190,
-29.3922, -46.1469


 23.4800, -11.5756,
-20.5920

 225.1780,
-23.7518, -35.2361

 0.5870, -0.2894,
-0.5148

 237.0410,
-15.7962, -20.2070

 0.0000, 0.0000,
0.0000

 249.3170, -7.5513,

-4.6630

■ 98.4490, -24.8714,
-49.5058

■ 98.4490, -24.8714,
-49.5058

■ 92.7810, -28.4860,
-56.8129

■ 104.1170,
-21.2567, -42.1986

■ 87.4120, -32.2481,
-63.5053

■ 109.4860,
-17.4946, -35.5062

■ 81.7440, -35.8628,
-70.8125

■ 115.1540,
-13.8799, -28.1991

■ 81.4450, -35.7154,
-71.4273

■ 120.7080,
-10.7020, -20.7919

■ 126.0770, -6.9400,
-14.0995

■ 131.7450, -3.3253,
-6.7924

■ 137.4130, 0.2894,
0.5148

■ 143.0810, 3.9041,
7.8220

■ 148.4500, 7.6662,
14.5144

Harmonies

Analogous

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



107.7380, -53.1148, 2.8608



98.4490, -24.8714, -49.5058



94.7540, 2.5863, -83.0993

Triad

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



98.4490, -24.8714, -49.5058



102.0910, 58.6221, -89.5338



113.3250, -12.4852, 84.7840

Complementary

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



98.4490, -24.8714, -49.5058



80.5510, 24.8714, 49.5058

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.



116.1600, 11.2601, 75.2817



98.4490, -24.8714, -49.5058



115.1740, 49.7072, -29.9706

Square

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



98.4490, -24.8714, -49.5058



104.6380, 45.5345, -91.7675



122.1840, 31.4613, 35.7956



114.6240, -36.2966, 68.7358

Rectangle

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



98.4490, -24.8714, -49.5058



99.4450, 18.0216, -87.2133



122.1840, 31.4613, 35.7956



112.9150, -3.9021, 85.1435

Sweetspot

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



98.4490, -24.8714, -49.5058



163.5340, -10.1233, -19.7623



124.6750, -40.7588, 6.4240



80.0280, -5.9298, -11.4256



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



98.4490, -24.8714, -49.5058



118.6030, -38.7513, -77.7048



103.6930, -4.7786, -54.1048



66.1090, -2.0257, -3.6036



78.9830, -34.9946, -69.2681



2.9350, -1.4470, -2.5740

Inverse Universe

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



80.5510, 24.8714, 49.5058



90.3970, 38.7513, 77.7048



75.3070, 4.7786, 54.1048



64.7770, 1.5889, 3.7036



53.9030, 34.5578, 69.3681



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 98.4490, -24.8714, -49.5058 looks on a white 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

Black Background



This preview shows how the YUV color 98.4490, -24.8714, -49.5058 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 98.4490, -24.8714, -49.5058

Background



This preview shows how black text looks on a background with the YUV color 98.4490, -24.8714, -49.5058.



This preview shows how white text looks on a background with the YUV color 98.4490, -24.8714, -49.5058.

-49.5058.

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

98.4490, -24.8714, -49.5058

Protanopia

114.5220, -35.2603, 16.2052

Deuteranopia

116.6680, -29.9093, 26.6012



Tritanopia

111.0150, 13.7966, -38.6012

Trichromacy



Original Color

98.4490, -24.8714, -49.5058

Protanomaly

108.9920, -31.5481, -7.8860

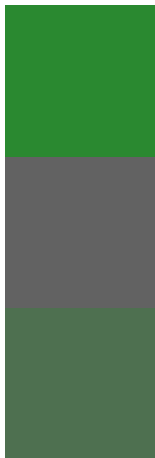
Deuteranomaly

110.2470, -28.2228, -1.0936

Tritanomaly

106.3230, -0.1592, -42.3793

Monochromacy



Original Color

98.4490, -24.8714, -49.5058

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1860, -8.9657, -17.7031

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4490, -24.8714, -49.5058 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(42, 137, 48)` looks like.

```
.text, #text, p{  
    color:rgb(42, 137, 48)  
}
```

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(42, 137, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 137, 48) }
```

Border

The CSS property to change the border of an element to YUV 98.4490, -24.8714, -49.5058 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(42, 137, 48) }
```


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

```
.border{ border-color:rgb(42, 137, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 137, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 137, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 137, 48);  
box-shadow:4px 4px 4px 4px rgb(42, 137,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 98.4490, -24.8714, -49.5058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 137, 48) }
```

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

```
.background{ background-color: rgb(42, 137,  
48) }
```

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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