

Converting Colors

YUV(110.9630, 2.4832,
-49.9566)

Have a look what the booklet for
YUV(110.9630, 2.4832, -49.9566)
contains.

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Color

**YUV(110.9630, 2.4832,
-49.9566)**

Conversions

Conversions Part 1

Format	Color
Hex	368B74
RGB	54, 139, 116
RGB Percent	21%, 55%, 45%
CMY	0.7882, 0.4549, 0.5451
CMYK	0.61, 0.00, 0.17, 0.45
HSL	164°, 44%, 38%
HSV	164°, 61%, 55%
XYZ	13.9063, 20.5105, 19.7490
YIQ	110.9630, -43.2770, -25.1730

Conversions

Conversions Part 2

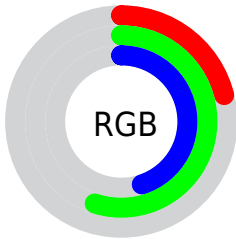
Format	Color
RYB	54, 103, 139
Decimal	3574644
CIELab	52.41, -31.40, 4.74
CIElCh	52, 31.756, 171.424
Yxy	20.5105, 0.2567, 0.3787
Android (android.graphics.Color)	4281764724 (0xFF368B74)
YUV	110.9630, 2.4832, -49.9566
Hunter-Lab	45.2885, -24.4444, 5.8473

Details

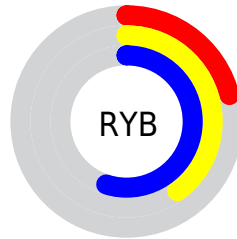
The YUV color **110.9630, 2.4832, -49.9566** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **82.0370, -2.4832, 49.9566**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0340, 1.4622, -49.1418**, and **59.4080, 4.2359, -52.1008** is the 20% darker color. If you saturate the color by 10%, you get **106.3210, 2.7997, -58.1635**, and if you desaturate by 10%, it is **115.6050, 2.1667, -41.7496**.

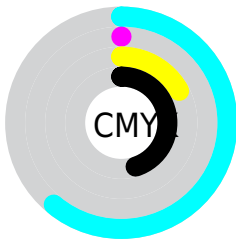
Distribution



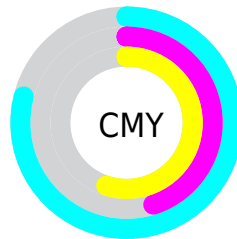
- Red (21%)
- Green (55%)
- Blue (45%)



- Red (21%)
- Yellow (40%)
- Blue (55%)



- Cyan (61%)
- Magenta (0%)
- Yellow (17%)
- Black (45%)



- Cyan (79%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.9630, 2.4832, -49.9566 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 110.9630, 2.4832, -49.9566 by changing the saturation by 10% instead.

■ 110.9630, 2.4832,
-49.9566

■ 110.9630, 2.4832,
-49.9566

■ 255.0000, 0.0000,
0.0000

■ 82.9840, 3.9519,
-54.3600

■ 165.0340, 1.4622,
-49.1418

■ 59.4080, 4.2359,
-52.1008

■ 192.9200, 1.0254,
-49.0418

■ 42.8120, 1.5717,
-37.5461

■ 221.5070, 0.7360,
-49.5566

■ 27.5040, -1.2345,
-24.1210

■ 236.1200, 7.8288,
-37.8162

■ 9.3920, -4.6303,
-8.2368

■ 245.1330, 4.8644,
-20.2876

■ 0.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,

-1.8443

■ 110.9630, 2.4832,
-49.9566

■ 110.9630, 2.4832,
-49.9566

■ 106.3210, 2.7997,
-58.1635

■ 115.6050, 2.1667,
-41.7496

■ 101.6790, 3.1163,
-66.3705

■ 120.2470, 1.8502,
-33.5426

■ 97.1510, 3.8696,
-74.6774

■ 124.7750, 1.0969,
-25.2357

■ 93.1070, 3.8912,
-81.6548

■ 129.4170, 0.7804,
-17.0287

■ 133.7600, 0.6113,
-9.4365

■ 138.4020, 0.2948,
-1.2296

■ 142.9300, -0.4585,
7.0774

■ 147.5720, -0.7750,
15.2844

■ 152.2140, -1.0915,
23.4913

Harmonies

Analogous

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



117.3010, -13.4594, -23.0660



110.9630, 2.4832, -49.9566



98.0090, 22.6736, -85.9539

Triad

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



110.9630, 2.4832, -49.9566



125.7750, 24.7609, -8.5727



125.1500, -20.7799, 38.4565

Complementary

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



110.9630, 2.4832, -49.9566



82.0370, -2.4832, 49.9566

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.



127.0550, -9.8871, 44.6788



110.9630, 2.4832, -49.9566



128.7310, 14.9226, 20.4069

Square

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



110.9630, 2.4832, -49.9566



117.5320, 29.8107, -41.6856



128.0510, 2.9329, 39.4203



123.9710, -26.1147, 22.8274

Rectangle

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



110.9630, 2.4832, -49.9566



99.2460, 29.9517, -87.0387



128.0510, 2.9329, 39.4203



125.9700, -17.7332, 41.2453

Sweetspot

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



110.9630, 2.4832, -49.9566



170.1070, 0.9332, -19.3878



111.0710, -28.1360, -29.0033



85.3360, 0.3274, -11.6957



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.



110.9630, 2.4832, -49.9566



137.4280, 3.7330, -77.5514



103.0190, 17.7386, -42.9897



66.6790, 0.1583, -4.1035



89.1290, 3.8804, -78.1661



3.3910, 0.3002, -2.9739

Inverse Universe

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



82.0370, -2.4832, 49.9566



92.5720, -3.7330, 77.5514



89.9810, -17.7386, 42.9897



64.3210, -0.1583, 4.1035



43.8710, -3.8804, 78.1661



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 110.9630, 2.4832, -49.9566 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 110.9630, 2.4832, -49.9566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

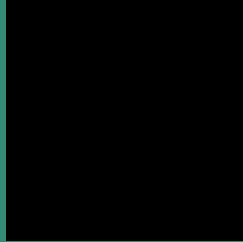
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.9630, 2.4832, -49.9566

Background



This preview shows how black text looks on a background with the YUV color 110.9630, 2.4832, -49.9566.



This preview shows how white text looks on a background with the YUV color 110.9630, 2.4832,

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

110.9630, 2.4832, -49.9566

Protanopia

123.9700, -7.8732, 5.2883

Deuteranopia

125.3820, -2.6533, 11.0660



Tritanopia

115.3240, 15.1233, -44.1341

Trichromacy



Original Color

110.9630, 2.4832, -49.9566

Protanomaly

118.8750, -3.8824, -14.7994

Deuteranomaly

120.1080, -0.5462, -11.4957

Tritanomaly

113.4610, 10.6187, -46.0083

Monochromacy



Original Color

110.9630, 2.4832, -49.9566

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8190, 1.0752, -18.2583

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.9630, 2.4832, -49.9566 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(54, 139, 116)` looks like.

```
.text, #text, p{  
    color:rgb(54, 139, 116)  
}
```

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(54, 139, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 139, 116) }
```

Border

The CSS property to change the border of an element to YUV 110.9630, 2.4832, -49.9566 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(54, 139, 116) }
```


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

```
.border{ border-color:rgb(54, 139, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 139, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 139, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 139, 116);  
box-shadow:4px 4px 4px 4px rgb(54, 139,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 110.9630, 2.4832, -49.9566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 139, 116) }
```

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

```
.background{ background-color: rgb(54, 139,  
116) }
```

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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