

Converting Colors

YUV(109.4750, 22.9368,
-30.2346)

Have a look what the booklet for
YUV(109.4750, 22.9368, -30.2346)
contains.

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Color

**YUV(109.4750, 22.9368,
-30.2346)**

Conversions

Conversions Part 1

Format	Color
Hex	4B769C
RGB	75, 118, 156
RGB Percent	29%, 46%, 61%
CMY	0.7059, 0.5373, 0.3882
CMYK	0.52, 0.24, 0.00, 0.39
HSL	208°, 35%, 45%
HSV	208°, 52%, 61%
XYZ	15.3808, 16.8530, 33.8948
YIQ	109.4750, -37.8260, 2.7020

Conversions

Conversions Part 2

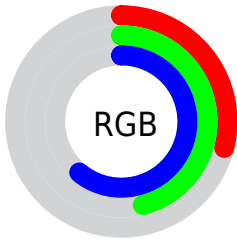
Format	Color
R _Y B	75, 103, 156
Decimal	4945564
CIE Lab	48.07, -3.71, -25.07
CIE LCh	48, 25.347, 261.576
Yxy	16.8530, 0.2326, 0.2549
Android (android.graphics.Color)	4283135644 (0xFF4B769C)
YUV	109.4750, 22.9368, -30.2346
Hunter-Lab	41.0524, -4.9644, -20.2159

Details

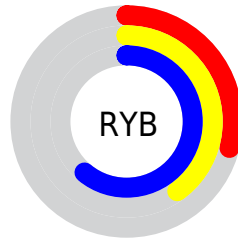
The YUV color **109.4750, 22.9368, -30.2346** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **121.5250, -22.9368, 30.2346**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4150, 23.9524, -29.3050**, and **57.5450, 23.3953, -37.3120** is the 20% darker color. If you saturate the color by 10%, you get **100.5820, 27.3211, -36.4674**, and if you desaturate by 10%, it is **118.3680, 18.5526, -24.0017**.

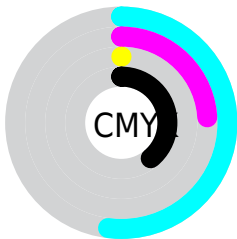
Distribution



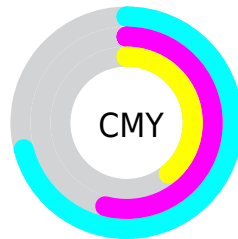
- Red (29%)
- Green (46%)
- Blue (61%)



- Red (29%)
- Yellow (40%)
- Blue (61%)



- Cyan (52%)
- Magenta (24%)
- Yellow (0%)
- Black (39%)



- Cyan (71%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.4750, 22.9368, -30.2346 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 109.4750, 22.9368, -30.2346 by changing the saturation by 10% instead.

■ 109.4750, 22.9368,
-30.2346

■ 109.4750, 22.9368,
-30.2346

■ 255.0000, 0.0000,
0.0000

■ 83.7630, 22.7948,
-31.3642

■ 162.4150, 23.9524,
-29.3050

■ 57.5450, 23.3953,
-37.3120

■ 189.5290, 24.3892,
-29.4049

■ 37.2960, 21.0531,
-32.7086

■ 216.1610, 19.1476,
-28.2052

■ 22.3470, 17.0839,
-19.5983

■ 241.5560, 6.6279,
-25.9206

■ 5.2780, 15.1459,
-4.6288

■ 250.8140, 2.0637,
-8.6069

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 109.4750, 22.9368,
-30.2346

■ 109.4750, 22.9368,
-30.2346

■ 100.5820, 27.3211,
-36.4674

■ 118.3680, 18.5526,
-24.0017

■ 91.4010, 31.8473,
-41.5707

■ 127.5490, 14.0263,
-18.8985

■ 82.5080, 36.2316,
-47.8035

■ 136.4420, 9.6421,
-12.6656

■ 73.9140, 40.4684,
-53.4216

■ 145.0360, 5.4053,
-7.0476

■ 66.5050, 44.1210,
-58.3249

■ 154.5160, 0.7316,
-1.3295

■ 163.4090, -3.6526,
4.9033

■ 172.0030, -7.8895,
10.5214

■ 181.4830,
-12.5631, 16.2394

■ 190.0770,
-16.8000, 21.8575

Harmonies

Analogous

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



102.4140, 21.9809, -50.3521



109.4750, 22.9368, -30.2346



115.0050, 19.2245, -6.1434

Triad

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



109.4750, 22.9368, -30.2346



116.0430, -8.4022, 35.0423



108.4310, -10.5655, -17.9180

Complementary

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



109.4750, 22.9368, -30.2346



121.5250, -22.9368, 30.2346

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.



111.4890, -18.4821, 1.3251



109.4750, 22.9368, -30.2346



115.1320, -16.8271, 30.5792

Square

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



109.4750, 22.9368, -30.2346



116.7680, 2.0864, 30.8985



113.4310, -20.4255, 18.0390



104.1110, 1.4243, -36.9313

Rectangle

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



109.4750, 22.9368, -30.2346



116.8390, 14.3764, 8.9112



113.4310, -20.4255, 18.0390



109.2640, -13.9342, -10.7555

Sweetspot

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



109.4750, 22.9368, -30.2346



185.3280, 9.2053, -12.5657



126.8790, -6.8423, -45.4979



91.0360, 5.4053, -7.0476



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



109.4750, 22.9368, -30.2346



131.6930, 35.6474, -47.0888



85.9950, 34.5125, -9.6426



74.2600, 2.3368, -2.8590



60.9140, 40.4684, -53.4216



6.4060, 4.2368, -5.6181

Inverse Universe

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



104.1210, 6.8423, 45.4979



123.3120, 10.6922, 70.7634



145.0050, -34.5125, 9.6426



73.8480, 0.5679, 4.5183



51.4210, 12.1174, 80.3148



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 109.4750, 22.9368, -30.2346 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 109.4750, 22.9368, -30.2346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

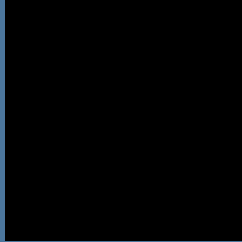
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.4750, 22.9368, -30.2346

Background



This preview shows how black text looks on a background with the YUV color 109.4750, 22.9368, -30.2346.

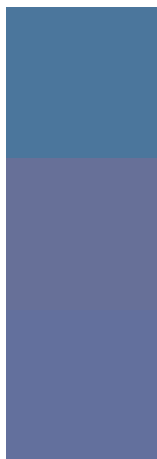


This preview shows how white text looks on a background with the YUV color 109.4750, 22.9368, -30.2346.

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

109.4750, 22.9368, -30.2346

Protanopia

113.8690, 18.7986, -9.5321

Deuteranopia

113.2430, 21.5722, -12.4911



Tritanopia

106.6950, 12.4754, -34.8125

Trichromacy



Original Color

109.4750, 22.9368, -30.2346

Protanomaly

112.1670, 20.1307, -16.8095

Deuteranomaly

111.7260, 22.3201, -19.0537

Tritanomaly

108.0310, 16.2537, -33.3532

Monochromacy



Original Color

109.4750, 22.9368, -30.2346

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1110, 8.3263, -10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4750, 22.9368, -30.2346 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(75, 118, 156)` looks like.

```
.text, #text, p{  
    color:rgb(75, 118, 156)  
}
```

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(75, 118, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 118, 156) }
```

Border

The CSS property to change the border of an element to YUV 109.4750, 22.9368, -30.2346 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(75, 118, 156) }
```


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

```
.border{ border-color:rgb(75, 118, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 118, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 118, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 118, 156);  
box-shadow:4px 4px 4px 4px rgb(75, 118,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 109.4750, 22.9368, -30.2346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 118, 156) }
```

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

```
.background{ background-color: rgb(75, 118,  
156) }
```

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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