

Converting Colors

YUV(92.7350, 1.6096, -49.7566)

Have a look what the booklet for
YUV(92.7350, 1.6096, -49.7566)
contains.

YUV(92.7350, 1.6096, -49.7566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(92.7350, 1.6096,
-49.7566)**

Conversions

Conversions Part 1

Format	Color
Hex	247960
RGB	36, 121, 96
RGB Percent	14%, 47%, 38%
CMY	0.8588, 0.5255, 0.6235
CMYK	0.70, 0.00, 0.21, 0.53
HSL	162°, 54%, 31%
HSV	162°, 70%, 47%
XYZ	9.6762, 14.8943, 13.4312
YIQ	92.7350, -42.6350, -25.7950

Conversions

Conversions Part 2

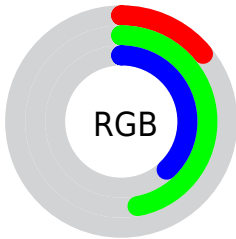
Format	Color
R_{YB}	36, 86, 121
Decimal	2390368
CIE _{Lab}	45.49, -31.57, 6.46
CIE _{LCh}	45, 32.225, 168.442
Yxy	14.8943, 0.2546, 0.3919
Android (android.graphics.Color)	4280580448 (0xFF247960)
YUV	92.7350, 1.6096, -49.7566
Hunter-Lab	38.5932, -22.7838, 6.3811

Details

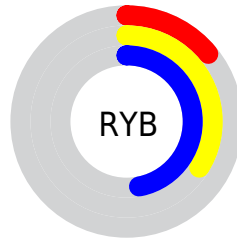
The YUV color **92.7350, 1.6096, -49.7566** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **64.2650, -1.6096, 49.7566**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5890, -0.2904, -46.9976**, and **47.3770, 1.2931, -41.5496** is the 20% darker color. If you saturate the color by 10%, you get **88.6910, 1.6313, -56.7340**, and if you desaturate by 10%, it is **96.7790, 1.5880, -42.7792**.

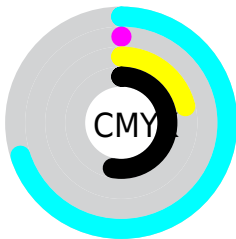
Distribution



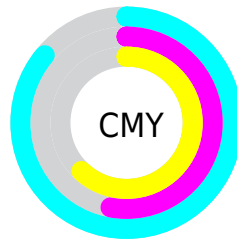
- Red (14%)
- Green (47%)
- Blue (38%)



- Red (14%)
- Yellow (34%)
- Blue (47%)



- Cyan (70%)
- Magenta (0%)
- Yellow (21%)
- Black (53%)



- Cyan (86%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.7350, 1.6096, -49.7566 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 92.7350, 1.6096, -49.7566 by changing the saturation by 10% instead.

■ 92.7350, 1.6096,
-49.7566

■ 92.7350, 1.6096,
-49.7566

■ 255.0000, 0.0000,
0.0000

■ 64.5600, 3.6679,
-56.6191

■ 146.5890, -0.2904,
-46.9976

■ 47.3770, 1.2931,
-41.5496

■ 174.1760, -0.5798,
-47.5124

■ 31.4820, -1.2236,
-27.6097

■ 201.7630, -0.8692,
-48.0272

■ 16.7780, -6.7926,
-14.7143

■ 228.0020, -0.0010,
-46.4828

■ 0.0000, 0.0000,
0.0000

■ 239.7510, 7.5178,
-31.3536

■ 248.4220, 3.2430,

-13.5251

■ 92.7350, 1.6096,
-49.7566

■ 92.7350, 1.6096,
-49.7566

■ 88.6910, 1.6313,
-56.7340

■ 96.7790, 1.5880,
-42.7792

■ 84.7610, 2.0898,
-63.8114

■ 100.7090, 1.1295,
-35.7018

■ 80.7170, 2.1115,
-70.7888

■ 104.7530, 1.1078,
-28.7244

■ 108.6830, 0.6493,
-21.6470

■ 112.7270, 0.6276,
-14.6696

■ 116.9560, 0.0217,
-6.9774

■ 121.0000, 0.0000,
0.0000

■ 124.9300, -0.4585,
7.0774

■ 128.9740, -0.4802,
14.0548

Harmonies

Analogous

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



100.3830, -14.4858, -20.5069



92.7350, 1.6096, -49.7566



85.7500, 18.8573, -75.2027

Triad

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



92.7350, 1.6096, -49.7566



107.8670, 25.2086, -12.1614



107.7910, -19.6170, 38.7713

Complementary

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



92.7350, 1.6096, -49.7566



64.2650, -1.6096, 49.7566

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.



108.5110, -8.1399, 44.2789



92.7350, 1.6096, -49.7566



110.7630, 16.3858, 17.7478

Square

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



92.7350, 1.6096, -49.7566



96.8190, 31.1482, -50.7073



110.3820, 4.2487, 37.3760



106.3840, -25.8253, 23.3422

Rectangle

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



92.7350, 1.6096, -49.7566



86.4000, 26.4248, -75.7728



110.3820, 4.2487, 37.3760



108.1380, -15.8440, 41.9750

Sweetspot

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



92.7350, 1.6096, -49.7566



146.9930, 0.4965, -19.2879



93.3700, -28.2834, -28.3885



72.3360, 0.3274, -11.6957



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



92.7350, 1.6096, -49.7566



113.7870, 2.5700, -77.8662



85.6060, 17.4492, -43.5045



58.9780, 0.0108, -3.4887



83.4070, 2.2643, -73.1479



168.2160, 4.8235, -147.5254

Inverse Universe

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



64.2650, -1.6096, 49.7566



69.2130, -2.5700, 77.8662



71.3940, -17.4492, 43.5045



57.0220, -0.0108, 3.4887



41.5930, -2.2643, 73.1479



83.7840, -4.8235, 147.5254

Previews

White Background



This preview shows how the YUV color 92.7350, 1.6096, -49.7566 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 92.7350, 1.6096, -49.7566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

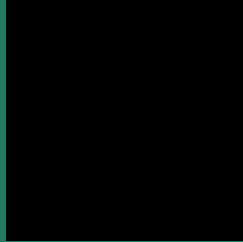
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.7350, 1.6096, -49.7566

Background



This preview shows how black text looks on a background with the YUV color 92.7350, 1.6096, -49.7566.



This preview shows how white text looks on a background with the YUV color 92.7350, 1.6096, -49.7566.

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

92.7350, 1.6096, -49.7566

Protanopia

106.7420, -8.7468, 5.4883

Deuteranopia

107.7410, -3.8163, 10.7511



Tritanopia

97.9930, 13.8075, -42.0899

Trichromacy



Original Color

92.7350, 1.6096, -49.7566

Protanomaly

101.6470, -4.7560, -14.5994

Deuteranomaly

102.4670, -1.7092, -11.8106

Tritanomaly

95.8310, 9.4503, -44.5788

Monochromacy



Original Color

92.7350, 1.6096, -49.7566

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7050, 0.6384, -18.1583

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.7350, 1.6096, -49.7566 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(36, 121, 96)` looks like.

```
.text, #text, p{  
    color:rgb(36, 121, 96)  
}
```

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(36, 121, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 121, 96) }
```

Border

The CSS property to change the border of an element to YUV 92.7350, 1.6096, -49.7566 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(36, 121, 96) }
```


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

```
.border{ border-color:rgb(36, 121, 96) }
```

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

Here you see how a box with a 4 pixel rgb(36, 121, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 121, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 121, 96);  
box-shadow:4px 4px 4px 4px rgb(36, 121,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 92.7350, 1.6096, -49.7566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 121, 96) }
```

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

```
.background{ background-color: rgb(36, 121,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor