

Converting Colors

YUV(96.4960, 7.6435, -24.9910)

Have a look what the booklet for
YUV(96.4960, 7.6435, -24.9910)
contains.

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Color

**YUV(96.4960, 7.6435,
-24.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	446C70
RGB	68, 108, 112
RGB Percent	27%, 42%, 44%
CMY	0.7333, 0.5765, 0.5608
CMYK	0.39, 0.04, 0.00, 0.56
HSL	185°, 24%, 35%
HSV	185°, 39%, 44%
XYZ	10.6711, 13.1239, 17.3000
YIQ	96.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

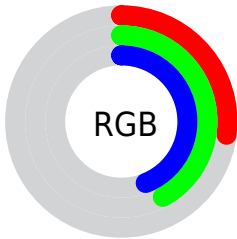
Format	Color
R_{YB}	68, 89, 112
Decimal	4484208
CIE _{Lab}	42.95, -12.88, -6.69
CIE _{LCh}	43, 14.515, 207.432
Y _{xy}	13.1239, 0.2597, 0.3194
Android (android.graphics.Color)	4282674288 (0xFF446C70)
YUV	96.4960, 7.6435, -24.9910
Hunter-Lab	36.2270, -10.8178, -2.9547

Details

The YUV color **96.4960, 7.6435, -24.9910** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **83.5040, -7.6435, 24.9910**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8980, 7.9383, -26.2205**, and **47.8980, 7.9383, -26.2205** is the 20% darker color. If you saturate the color by 10%, you get **92.6200, 9.5543, -31.2387**, and if you desaturate by 10%, it is **100.3720, 5.7326, -18.7432**.

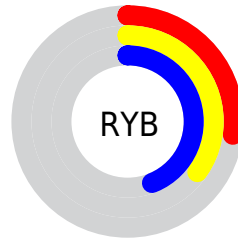
Distribution



Red (27%)

Green (42%)

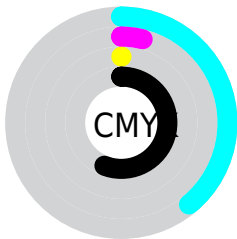
Blue (44%)



Red (27%)

Yellow (35%)

Blue (44%)

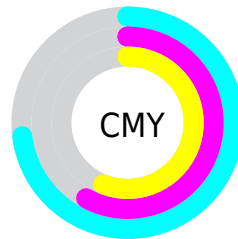


Cyan (39%)

Magenta (4%)

Yellow (0%)

Black (56%)



Cyan (73%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4960, 7.6435, -24.9910 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 96.4960, 7.6435, -24.9910 by changing the saturation by 10% instead.

96.4960, 7.6435,
-24.9910

96.4960, 7.6435,
-24.9910

255.0000, 0.0000,
0.0000

72.4960, 7.6435,
-24.9910

147.8980, 7.9383,
-26.2205

47.8980, 7.9383,
-26.2205

174.8980, 7.9383,
-26.2205

27.6810, 7.0593,
-24.2762

202.0120, 8.3751,
-26.3205

13.6610, 4.1111,
-11.9807

230.5990, 8.0857,
-26.8353

0.0000, 0.0000,
0.0000

246.9270, 3.9800,
-16.5990

■ 96.4960, 7.6435,
-24.9910

■ 96.4960, 7.6435,
-24.9910

■ 92.6200, 9.5543,
-31.2387

■ 100.3720, 5.7326,
-18.7432

■ 88.7440, 11.4652,
-37.4865

■ 104.2480, 3.8217,
-12.4955

■ 84.5690, 13.5235,
-44.3490

■ 108.4230, 1.7635,
-5.6330

■ 80.6930, 15.4344,
-50.5968

■ 112.2990, -0.1474,
0.6148

■ 76.8170, 17.3452,
-56.8445

■ 116.1750, -2.0583,
6.8625

■ 72.9410, 19.2561,
-63.0923

■ 120.0510, -3.9691,
13.1103

■ 72.6420, 19.4035,
-63.7070

■ 123.9270, -5.8800,
19.3580

■ 128.1020, -7.9383,

26.2205

■ 131.9780, -9.8492,
32.4683

Harmonies

Analogous

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



96.6230, 1.6649, -20.7174



96.4960, 7.6435, -24.9910



97.8430, 11.4164, -21.7873

Triad

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



96.4960, 7.6435, -24.9910



103.5590, 5.6404, 10.9108



101.0800, -11.3784, 9.5768

Complementary

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



96.4960, 7.6435, -24.9910



83.5040, -7.6435, 24.9910

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.



101.8790, -9.8003, 16.7691



96.4960, 7.6435, -24.9910



103.4090, -0.2016, 18.0583

Square

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



96.4960, 7.6435, -24.9910



102.6330, 10.0409, -0.5551



103.2260, -6.0274, 19.9728



99.7690, -9.7461, -0.6744

Rectangle

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



96.4960, 7.6435, -24.9910



99.5170, 12.5631, -16.2394



103.2260, -6.0274, 19.9728



101.3900, -11.5313, 11.9360

Sweetspot

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



96.4960, 7.6435, -24.9910



139.3300, 2.7953, -9.9364



94.2840, -10.9860, -23.0511



70.4230, 1.7635, -5.6330



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



96.4960, 7.6435, -24.9910



121.1460, 11.7600, -38.7160



83.5820, 14.0101, -13.6654



54.2060, 0.8844, -3.6887



77.6630, 20.8721, -68.1105



160.2330, 42.7761, -140.5243

Inverse Universe

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



85.7160, 10.9860, 23.0511



104.4000, 17.0578, 35.6062



96.4180, -14.0101, 13.6654



52.4780, 1.7363, 3.0888



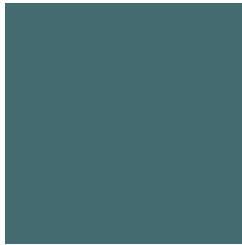
48.3060, 29.9221, 62.8756



99.5030, 61.8700, 129.3549

Previews

White Background



This preview shows how the YUV color 96.4960, 7.6435, -24.9910 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 96.4960, 7.6435, -24.9910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

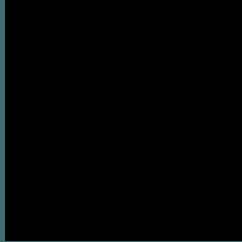
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.4960, 7.6435, -24.9910

Background



This preview shows how black text looks on a background with the YUV color 96.4960, 7.6435, -24.9910.



This preview shows how white text looks on a background with the YUV color 96.4960, 7.6435, -24.9910.

-24.9910.

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

96.4960, 7.6435, -24.9910

Protanopia

101.0970, 2.9102, -0.0851

Deuteranopia

101.9170, 5.9569, 2.7038



Tritanopia

96.6640, 9.5326, -24.2613

Trichromacy



Original Color

96.4960, 7.6435, -24.9910

Protanomaly

99.4980, 4.6845, -9.2067

Deuteranomaly

100.2640, 6.2788, -7.2475

Tritanomaly

96.5500, 9.0959, -24.1613

Monochromacy



Original Color

96.4960, 7.6435, -24.9910

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0420, 2.9373, -8.8068

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4960, 7.6435, -24.9910 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(68, 108, 112)` looks like.

```
.text, #text, p{  
    color:rgb(68, 108, 112)  
}
```

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(68, 108, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 108, 112) }
```

Border

The CSS property to change the border of an element to YUV 96.4960, 7.6435, -24.9910 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(68, 108, 112) }
```


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

```
.border{ border-color:rgb(68, 108, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 108, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 108, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 108, 112);  
box-shadow:4px 4px 4px 4px rgb(68, 108,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 96.4960, 7.6435, -24.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 108, 112) }
```

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

```
.background{ background-color: rgb(68, 108,  
112) }
```

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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