

Converting Colors

YUV(99.2960, 4.2911, -23.0616)

Have a look what the booklet for
YUV(99.2960, 4.2911, -23.0616)
contains.

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Color

**YUV(99.2960, 4.2911,
-23.0616)**

Conversions

Conversions Part 1

Format	Color
Hex	496F6C
RGB	73, 111, 108
RGB Percent	29%, 44%, 42%
CMY	0.7137, 0.5647, 0.5765
CMYK	0.34, 0.00, 0.03, 0.56
HSL	175°, 21%, 36%
HSV	175°, 34%, 44%
XYZ	11.1389, 13.8681, 16.2771
YIQ	99.2960, -21.6850, -8.9890

Conversions

Conversions Part 2

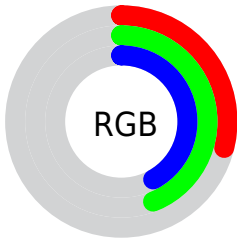
Format	Color
R_{YB}	73, 93, 111
Decimal	4812652
CIE Lab	44.04, -14.12, -2.62
CIE LCh	44, 14.365, 190.521
Yxy	13.8681, 0.2698, 0.3359
Android (android.graphics.Color)	4283002732 (0xFF496F6C)
YUV	99.2960, 4.2911, -23.0616
Hunter-Lab	37.2398, -11.7783, 0.1530

Details

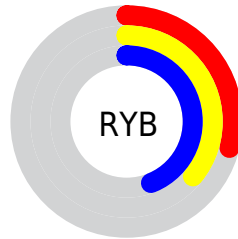
The YUV color **99.2960, 4.2911, -23.0616** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.7040, -4.2911, 23.0616**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5840, 4.1491, -24.1912**, and **51.4100, 4.7279, -23.1616** is the 20% darker color. If you saturate the color by 10%, you get **95.8930, 5.4758, -29.7242**, and if you desaturate by 10%, it is **102.6990, 3.1064, -16.3990**.

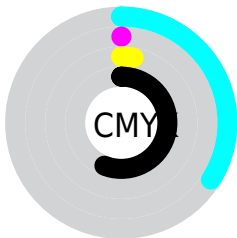
Distribution



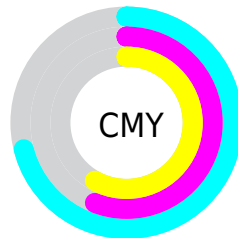
- Red (29%)
- Green (44%)
- Blue (42%)



- Red (29%)
- Yellow (36%)
- Blue (44%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (56%)



- Cyan (71%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.2960, 4.2911, -23.0616 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 99.2960, 4.2911, -23.0616 by changing the saturation by 10% instead.

■ 99.2960, 4.2911,
-23.0616

■ 99.2960, 4.2911,
-23.0616

■ 255.0000, 0.0000,
0.0000

■ 75.2960, 4.2911,
-23.0616

■ 150.5840, 4.1491,
-24.1912

■ 51.4100, 4.7279,
-23.1616

■ 177.5840, 4.1491,
-24.1912

■ 28.8120, 5.0227,
-24.3911

■ 205.2850, 4.2965,
-24.8059

■ 14.9660, 1.4958,
-13.1252

■ 232.9860, 4.4439,
-25.4207

■ 0.0000, 0.0000,
0.0000

■ 248.4220, 3.2430,
-13.5251

■ 99.2960, 4.2911,
-23.0616

■ 99.2960, 4.2911,
-23.0616

■ 95.8930, 5.4758,
-29.7242

■ 102.6990, 3.1064,
-16.3990

■ 92.4900, 6.6604,
-36.3867

■ 106.1020, 1.9217,
-9.7365

■ 89.0870, 7.8451,
-43.0493

■ 109.5050, 0.7370,
-3.0739

■ 85.6840, 9.0298,
-49.7119

■ 112.9080, -0.4476,
3.5887

■ 82.0960, 10.7987,
-57.0892

■ 116.4960, -2.2165,
10.9660

■ 78.6930, 11.9834,
-63.7518

■ 119.8990, -3.4012,
17.6286

■ 76.7850, 12.4310,
-67.3404

■ 123.3020, -4.5859,
24.2911

■ 126.7050, -5.7706,

30.9537

■ 130.1080, -6.9552,
37.6163

Harmonies

Analogous

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



100.0320, -1.9878, -15.8141



99.2960, 4.2911, -23.0616



99.6640, 9.5326, -24.2613

Triad

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



99.2960, 4.2911, -23.0616



105.7970, 7.9881, 4.5630



104.5150, -11.0999, 13.5803

Complementary

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



99.2960, 4.2911, -23.0616



84.7040, -4.2911, 23.0616

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.



105.0580, -7.9166, 19.2431



99.2960, 4.2911, -23.0616



106.4840, 2.7194, 14.4845

Square

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



99.2960, 4.2911, -23.0616



104.2300, 11.2256, -7.2177



106.3230, -3.1172, 19.8877



103.4600, -11.0728, 4.8586

Rectangle

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



99.2960, 4.2911, -23.0616



100.5550, 11.5584, -20.6577



106.3230, -3.1172, 19.8877



104.4660, -10.0897, 16.2543

Sweetspot

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



99.2960, 4.2911, -23.0616



140.7000, 1.6269, -8.5069



96.2030, -11.4391, -17.7180



71.1950, 0.8899, -5.4330



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.



99.2960, 4.2911, -23.0616



126.9030, 6.9498, -35.8719



90.2460, 10.2317, -15.1247



54.2060, 0.8844, -3.6887



82.9800, 13.3209, -72.7735



170.9810, 28.1104, -149.9503

Inverse Universe

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



84.7040, -4.2911, 23.0616



104.0970, -6.9498, 35.8719



93.7540, -10.2317, 15.1247



51.9080, -0.4476, 3.5887



36.9060, -13.7577, 72.8734



76.1330, -27.6736, 149.8504

Previews

White Background



This preview shows how the YUV color 99.2960, 4.2911, -23.0616 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 99.2960, 4.2911, -23.0616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

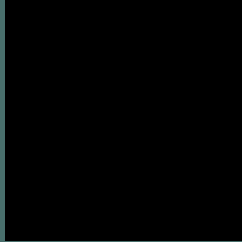
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.2960, 4.2911, -23.0616

Background



This preview shows how black text looks on a background with the YUV color 99.2960, 4.2911, -23.0616.



This preview shows how white text looks on a background with the YUV color 99.2960, 4.2911, -23.0616.

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

99.2960, 4.2911, -23.0616

Protanopia

103.8970, -0.4422, 1.8443

Deuteranopia

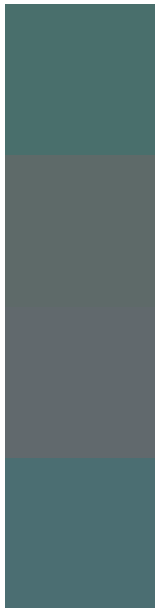
105.0160, 2.4571, 5.2480



Tritanopia

100.1590, 8.7956, -21.1874

Trichromacy



Original Color

99.2960, 4.2911, -23.0616

Protanomaly

102.2980, 1.3321, -7.2773

Deuteranomaly

103.0640, 2.9264, -5.3181

Tritanomaly

99.9910, 6.9064, -21.9171

Monochromacy



Original Color

99.2960, 4.2911, -23.0616

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2960, 4.2911, -23.0616 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(73, 111, 108)` looks like.

```
.text, #text, p{  
    color:rgb(73, 111, 108)  
}
```

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(73, 111, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 111, 108) }
```

Border

The CSS property to change the border of an element to YUV 99.2960, 4.2911, -23.0616 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(73, 111, 108) }
```


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

```
.border{ border-color:rgb(73, 111, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 111, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 111, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 111, 108);  
box-shadow:4px 4px 4px 4px rgb(73, 111,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 99.2960, 4.2911, -23.0616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 111, 108) }
```

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

```
.background{ background-color: rgb(73, 111,  
108) }
```

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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