

Converting Colors

YUV(99.3410, 23.0029, -4.6841)

Have a look what the booklet for
YUV(99.3410, 23.0029, -4.6841)
contains.

YUV(99.3410, 23.0029, -4.6841)	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(99.3410, 23.0029,
-4.6841)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5D92
RGB	94, 93, 146
RGB Percent	37%, 36%, 57%
CMY	0.6314, 0.6353, 0.4275
CMYK	0.36, 0.36, 0.00, 0.43
HSL	241°, 22%, 47%
HSV	241°, 36%, 57%
XYZ	13.7188, 12.2837, 28.8421
YIQ	99.3410, -16.4170, 16.6950

Conversions

Conversions Part 2

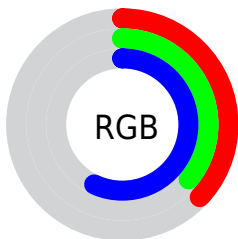
Format	Color
R_{YB}	94, 93, 146
Decimal	6184338
CIE _{Lab}	41.66, 13.73, -29.03
CIE _{LCh}	42, 32.109, 295.313
Yxy	12.2837, 0.2501, 0.2240
Android (android.graphics.Color)	4284374418 (0xFF5E5D92)
YUV	99.3410, 23.0029, -4.6841
Hunter-Lab	35.0481, 8.5354, -24.2577

Details

The YUV color **99.3410, 23.0029, -4.6841** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.6590, -23.0029, 4.6841**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3950, 24.4553, -3.8544**, and **51.5750, 21.4085, -6.6433** is the 20% darker color. If you saturate the color by 10%, you get **86.3500, 29.4075, -5.5689**, and if you desaturate by 10%, it is **112.3320, 16.5983, -3.7992**.

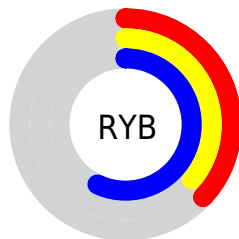
Distribution



Red (37%)

Green (36%)

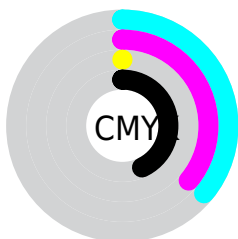
Blue (57%)



Red (37%)

Yellow (36%)

Blue (57%)

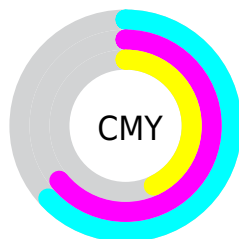


Cyan (36%)

Magenta (36%)

Yellow (0%)

Black (43%)



Cyan (63%)

Magenta (64%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.3410, 23.0029, -4.6841 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 99.3410, 23.0029, -4.6841 by changing the saturation by 10% instead.

■ 99.3410, 23.0029,
-4.6841

■ 99.3410, 23.0029,
-4.6841

255.0000, 0.0000,
0.0000

■ 74.8140, 22.2767,
-5.0989

■ 150.3950, 24.4553,
-3.8544

■ 51.5750, 21.4085,
-6.6433

■ 177.5090, 24.8921,
-3.9544

■ 29.6240, 20.3984,
-9.3172

■ 204.8080, 24.7447,
-3.3396

■ 5.5860, 21.4031,
-4.8989

■ 229.9150, 12.3669,
0.0745

■ 3.6650, 11.5042,
-3.2142

254.4130, 0.2894,
0.5148

■ 0.0000, 0.0000,
0.0000

■ 99.3410, 23.0029,
-4.6841

■ 99.3410, 23.0029,
-4.6841

■ 86.3500, 29.4075,
-5.5689

■ 112.3320, 16.5983,
-3.7992

■ 73.6470, 35.6700,
-7.5834

■ 125.0350, 10.3357,
-1.7847

■ 60.6560, 42.0746,
-8.4683

■ 138.0260, 3.9312,
-0.8998

■ 48.2520, 48.1898,
-9.8680

■ 150.4300, -2.1840,
0.4999

■ 34.9620, 54.7417,
-11.3677

■ 163.7200, -8.7360,
1.9996

■ 21.9710, 61.1463,
-12.2526

■ 176.7110,
-15.1405, 2.8845

■ 17.5410, 63.3303,
-12.7525

■ 189.1150,
-21.2557, 4.2841

■ 202.4050,

-27.8077, 5.7838

■ 214.8090,
-33.9228, 7.1835

Harmonies

Analogous

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



89.6460, 30.2475, -41.7855



99.3410, 23.0029, -4.6841



101.4000, 13.6068, 22.4512

Triad

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



99.3410, 23.0029, -4.6841



98.1280, -20.7691, 34.9677



76.3460, 8.2104, -66.9554

Complementary

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



99.3410, 23.0029, -4.6841



139.6590, -23.0029, 4.6841

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.



89.5610, -11.1226, -25.9250



99.3410, 23.0029, -4.6841



96.1770, -25.2303, 19.1388

Square

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



99.3410, 23.0029, -4.6841



98.8160, -10.7553, 43.1344



93.5550, -21.9656, -1.3637



79.4240, 20.0040, -69.6548

Rectangle

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



99.3410, 23.0029, -4.6841



100.7130, 5.5645, 35.3317



93.5550, -21.9656, -1.3637



83.7030, 0.1464, -47.0975

Sweetspot

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



99.3410, 23.0029, -4.6841



170.3940, 9.1728, -2.0995



129.5660, 8.1020, -32.0684



83.3680, 5.2416, -1.1997



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



99.3410, 23.0029, -4.6841



115.7610, 36.1068, -7.6834



107.1150, 19.1703, 11.3001



67.7980, 3.0576, -0.6998



16.6290, 59.8359, -11.9526



1.1400, 4.3680, -0.9998

Inverse Universe

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



114.7750, 14.9009, 27.3843



140.0510, 23.1459, 42.9283



131.8850, -19.1703, -11.3001



69.8910, 2.0257, 3.6036



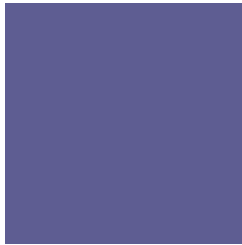
56.6520, 38.6256, 71.3422



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 99.3410, 23.0029, -4.6841 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 99.3410, 23.0029, -4.6841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

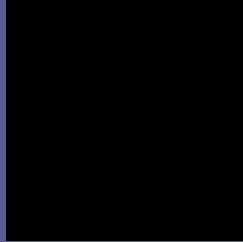
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.3410, 23.0029, -4.6841

Background



This preview shows how black text looks on a background with the YUV color 99.3410, 23.0029, -4.6841.



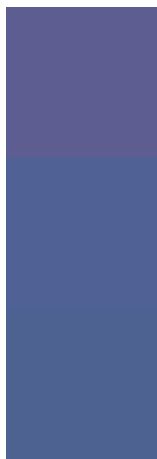
This preview shows how white text looks on a background with the YUV color 99.3410, 23.0029, -4.6841.

-4.6841.

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

99.3410, 23.0029, -4.6841

Protanopia

97.8450, 25.2194, -15.6501

Deuteranopia

97.3780, 23.4776, -16.9945



Tritanopia

97.4270, 5.7055, -10.0215

Trichromacy



Original Color

99.3410, 23.0029, -4.6841

Protanomaly

98.6390, 24.3350, -11.9614

Deuteranomaly

97.9980, 23.1720, -12.2762

Tritanomaly

98.0450, 11.8098, -7.9325

Monochromacy



Original Color

99.3410, 23.0029, -4.6841

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.1660, 8.2992, -1.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3410, 23.0029, -4.6841 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(94, 93, 146)` looks like.

```
.text, #text, p{  
    color:rgb(94, 93, 146)  
}
```

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(94, 93, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 93, 146) }
```

Border

The CSS property to change the border of an element to YUV 99.3410, 23.0029, -4.6841 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(94, 93, 146) }
```


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

```
.border{ border-color:rgb(94, 93, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 93, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 93, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 93, 146);  
box-shadow:4px 4px 4px 4px rgb(94, 93,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 99.3410, 23.0029, -4.6841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 93, 146) }
```

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

```
.background{ background-color: rgb(94, 93,  
146) }
```

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