

Converting Colors

YUV(84.5700, 15.4950,
-23.3019)

Have a look what the booklet for
YUV(84.5700, 15.4950, -23.3019)
contains.

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Color

**YUV(84.5700, 15.4950,
-23.3019)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5C74
RGB	58, 92, 116
RGB Percent	23%, 36%, 45%
CMY	0.7725, 0.6392, 0.5451
CMYK	0.50, 0.21, 0.00, 0.55
HSL	205°, 33%, 34%
HSV	205°, 50%, 45%
XYZ	8.7245, 9.8148, 17.9576
YIQ	84.5700, -27.9680, 0.2560

Conversions

Conversions Part 2

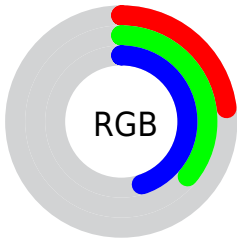
Format	Color
RYB	58, 79, 116
Decimal	3824756
CIELab	37.51, -5.09, -17.42
CIELCh	38, 18.153, 253.713
Yxy	9.8148, 0.2390, 0.2689
Android (android.graphics.Color)	4282014836 (0xFF3A5C74)
YUV	84.5700, 15.4950, -23.3019
Hunter-Lab	31.3286, -5.1159, -12.0552

Details

The YUV color **84.5700, 15.4950, -23.3019** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **89.4300, -15.4950, 23.3019**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0970, 16.2212, -22.8871**, and **35.3520, 16.0955, -29.2497** is the 20% darker color. If you saturate the color by 10%, you get **78.0470, 18.7108, -28.1052**, and if you desaturate by 10%, it is **91.0930, 12.2792, -18.4986**.

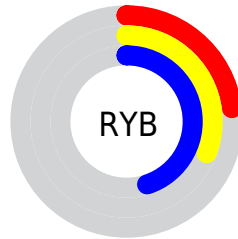
Distribution



 Red (23%)

 Green (36%)

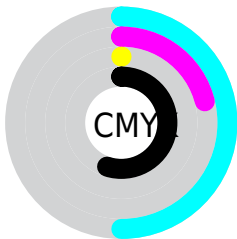
 Blue (45%)



 Red (23%)

 Yellow (31%)

 Blue (45%)

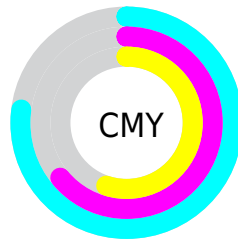


 Cyan (50%)

 Magenta (21%)

 Yellow (0%)

 Black (55%)



 Cyan (77%)

 Magenta (64%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5700, 15.4950, -23.3019 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 84.5700, 15.4950, -23.3019 by changing the saturation by 10% instead.

■ 84.5700, 15.4950,
-23.3019

■ 84.5700, 15.4950,
-23.3019

■ 255.0000, 0.0000,
0.0000

■ 60.7440, 14.9162,
-24.3315

■ 135.0970, 16.2212,
-22.8871

■ 35.3520, 16.0955,
-29.2497

■ 161.7980, 16.3686,
-23.5018

■ 20.3920, 12.1317,
-17.8838

■ 188.9120, 16.8054,
-23.6018

■ 3.4370, 10.6306,
-3.0142

■ 217.0260, 17.2422,
-23.7018

■ 0.0000, 0.0000,
0.0000

■ 242.1760, 6.3222,
-21.2024

■ 252.6080, 1.1793,

-4.9182

■ 84.5700, 15.4950,
-23.3019

■ 84.5700, 15.4950,
-23.3019

■ 78.0470, 18.7108,
-28.1052

■ 91.0930, 12.2792,
-18.4986

■ 71.8230, 21.7793,
-32.2938

■ 97.3170, 9.2107,
-14.3100

■ 65.8870, 24.7057,
-37.6119

■ 103.2530, 6.2843,
-8.9919

■ 59.6630, 27.7741,
-41.8005

■ 109.4770, 3.2158,
-4.8033

■ 53.1400, 30.9900,
-46.6038

■ 116.0000, 0.0000,
0.0000

■ 122.5230, -3.2158,
4.8033

■ 128.7470, -6.2843,
8.9919

■ 134.6830, -9.2107,
14.3100

■ 140.9070,
-12.2792, 18.4986

Harmonies

Analogous

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



80.9340, 13.3435, -33.2681



84.5700, 15.4950, -23.3019



88.0280, 14.2832, -7.9176

Triad

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



84.5700, 15.4950, -23.3019



90.4160, -4.1491, 24.1912



84.6540, -8.7034, -8.4666

Complementary

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



84.5700, 15.4950, -23.3019



89.4300, -15.4950, 23.3019

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.



86.5910, -13.1094, 4.7437



84.5700, 15.4950, -23.3019



89.2110, -9.9640, 22.6170

Square

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



84.5700, 15.4950, -23.3019



90.3320, 3.2873, 19.0028



88.4290, -14.0155, 15.4098



83.1130, -1.5347, -21.1471

Rectangle

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



84.5700, 15.4950, -23.3019



89.9970, 11.3405, 2.6336



88.4290, -14.0155, 15.4098



85.5190, -10.6089, -3.9632

Sweetspot

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



84.5700, 15.4950, -23.3019



138.1390, 5.8475, -8.8919



94.6680, -6.7383, -32.1578



69.2920, 3.8000, -5.5181



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



84.5700, 15.4950, -23.3019



101.3710, 23.9741, -36.2824



68.1340, 23.5979, -8.8875



55.4450, 1.7526, -2.1443



56.1720, 32.4532, -49.2628



114.2020, 66.9484, -100.1552

Inverse Universe

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



79.2180, 6.3015, 32.2578



92.9520, 9.8837, 50.0311



105.8660, -23.5979, 8.8875



55.1360, 0.4260, 3.3887



44.6860, 13.4658, 67.8044



91.3940, 26.9208, 139.0975

Previews

White Background



This preview shows how the YUV color 84.5700, 15.4950, -23.3019 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 ✓ Pass

Black Background



This preview shows how the YUV color 84.5700, 15.4950, -23.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

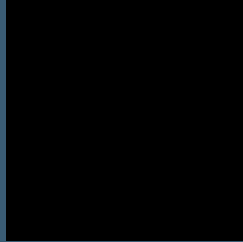
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

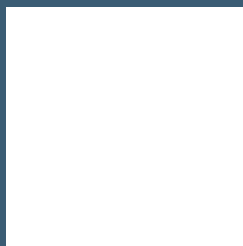
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 84.5700, 15.4950, -23.3019

Background



This preview shows how black text looks on a background with the YUV color 84.5700, 15.4950, -23.3019.

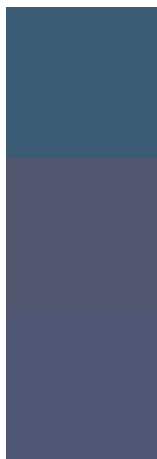


This preview shows how white text looks on a background with the YUV color 84.5700, 15.4950,

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

84.5700, 15.4950, -23.3019

Protanopia

88.3550, 11.6570, -5.5733

Deuteranopia

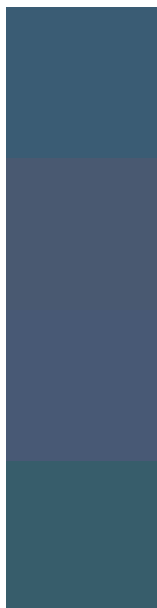
88.3270, 14.1358, -7.3028



Tritanopia

82.6530, 9.5381, -26.0057

Trichromacy



Original Color

84.5700, 15.4950, -23.3019

Protanomaly

86.9520, 12.8417, -12.2359

Deuteranomaly

87.1090, 14.7363, -13.2506

Tritanomaly

83.2340, 11.7166, -24.7612

Monochromacy



Original Color

84.5700, 15.4950, -23.3019

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0250, 5.4107, -8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5700, 15.4950, -23.3019 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(58, 92, 116)` looks like.

```
.text, #text, p{  
    color:rgb(58, 92, 116)  
}
```

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(58, 92, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 92, 116) }
```

Border

The CSS property to change the border of an element to YUV 84.5700, 15.4950, -23.3019 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(58, 92, 116) }
```


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

```
.border{ border-color:rgb(58, 92, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 92, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 92, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 92, 116);  
box-shadow:4px 4px 4px 4px rgb(58, 92,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 84.5700, 15.4950, -23.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 92, 116) }
```

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

```
.background{ background-color: rgb(58, 92,  
116) }
```

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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