

Converting Colors

YUV(85.8870, 28.1567,
-24.4569)

Have a look what the booklet for
YUV(85.8870, 28.1567, -24.4569)
contains.

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Color

**YUV(85.8870, 28.1567,
-24.4569)**

Conversions

Conversions Part 1

Format	Color
Hex	3A598F
RGB	58, 89, 143
RGB Percent	23%, 35%, 56%
CMY	0.7725, 0.6510, 0.4392
CMYK	0.59, 0.38, 0.00, 0.44
HSL	218°, 42%, 39%
HSV	218°, 59%, 56%
XYZ	10.2752, 10.0275, 27.3805
YIQ	85.8870, -35.8100, 10.2220

Conversions

Conversions Part 2

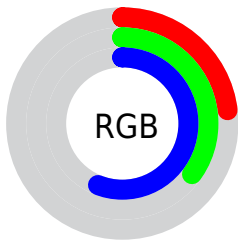
Format	Color
R_{YB}	58, 81, 143
Decimal	3824015
CIE _{Lab}	37.89, 5.90, -33.32
CIE _{LCh}	38, 33.839, 280.036
Yxy	10.0275, 0.2155, 0.2103
Android (android.graphics.Color)	4282014095 (0xFF3A598F)
YUV	85.8870, 28.1567, -24.4569
Hunter-Lab	31.6662, 2.5049, -29.0995

Details

The YUV color **85.8870, 28.1567, -24.4569** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **115.1130, -28.1567, 24.4569**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5390, 29.3143, -22.3977**, and **36.3160, 27.4522, -31.8491** is the 20% darker color. If you saturate the color by 10%, you get **76.4180, 32.8249, -28.4306**, and if you desaturate by 10%, it is **95.3560, 23.4885, -20.4832**.

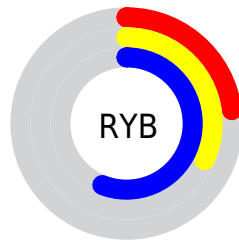
Distribution



Red (23%)

Green (35%)

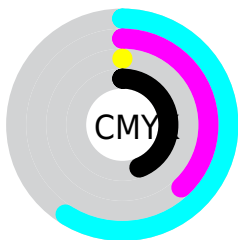
Blue (56%)



Red (23%)

Yellow (32%)

Blue (56%)

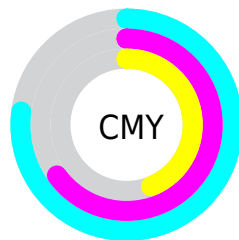


Cyan (59%)

Magenta (38%)

Yellow (0%)

Black (44%)



Cyan (77%)

Magenta (65%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.8870, 28.1567, -24.4569 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 85.8870, 28.1567, -24.4569 by changing the saturation by 10% instead.

■ 85.8870, 28.1567,
-24.4569

■ 85.8870, 28.1567,
-24.4569

■ 255.0000, 0.0000,
0.0000

■ 60.4520, 27.8782,
-28.4604

■ 137.5390, 29.3143,
-22.3977

■ 36.3160, 27.4522,
-31.8491

■ 164.0660, 30.0405,
-21.9829

■ 21.8400, 22.7569,
-19.1537

■ 191.5930, 30.7667,
-21.5681

■ 7.0050, 19.2245,
-6.1434

■ 216.5150, 18.9731,
-18.8687

■ 3.3230, 10.1938,
-2.9143

■ 241.6220, 6.5954,
-15.4545

■ 0.0000, 0.0000,
0.0000

254.4020, 0.2948,

-1.2296

■ 85.8870, 28.1567,
-24.4569

■ 85.8870, 28.1567,
-24.4569

■ 76.4180, 32.8249,
-28.4306

■ 95.3560, 23.4885,
-20.4832

■ 66.6500, 37.6405,
-33.0191

■ 105.1240, 18.6729,
-15.8947

■ 57.1810, 42.3088,
-36.9927

■ 114.5930, 14.0047,
-11.9211

■ 47.7120, 46.9770,
-40.9664

■ 124.0620, 9.3364,
-7.9474

■ 46.8260, 47.4138,
-41.0664

■ 133.8300, 4.5208,
-3.3589

■ 143.8860, -0.4368,
0.1000

■ 153.3550, -5.1050,
4.0737

■ 162.8240, -9.7732,
8.0474

■ 172.5920,
-14.5889, 12.6358

Harmonies

Analogous

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



72.8990, 33.0808, -63.9324



85.8870, 28.1567, -24.4569



91.5170, 19.4651, 10.0706

Triad

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



85.8870, 28.1567, -24.4569



88.6110, -16.5702, 41.5602



74.4320, -2.1850, -45.9829

Complementary

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



85.8870, 28.1567, -24.4569



115.1130, -28.1567, 24.4569

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.



82.8030, -18.1439, -13.8592



85.8870, 28.1567, -24.4569



87.6450, -24.9680, 28.3753

Square

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



85.8870, 28.1567, -24.4569



89.8360, -4.3561, 43.9938



85.8830, -26.0713, 8.8726



71.6330, 12.9989, -62.8221

Rectangle

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



85.8870, 28.1567, -24.4569



91.7920, 12.4275, 27.3694



85.8830, -26.0713, 8.8726



78.5000, -8.6275, -32.8875

Sweetspot

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



85.8870, 28.1567, -24.4569



163.8060, 10.9416, -9.4769



114.0510, -1.0111, -49.1567



80.3890, 6.7102, -5.6032



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.



85.8870, 28.1567, -24.4569



97.2240, 43.7666, -37.9074



70.9790, 35.5064, -1.7356



66.5590, 2.1894, -2.2442



44.1530, 44.7876, -38.7222



2.6730, 2.6262, -2.3442

Inverse Universe

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



86.9490, 1.0111, 49.1567



98.9400, 1.5086, 76.3516



130.0210, -35.5064, 1.7356



66.4350, 0.2785, 4.0035



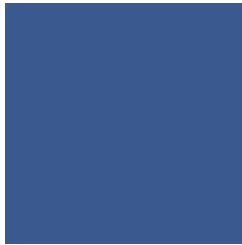
45.9510, 1.5032, 78.0960



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 85.8870, 28.1567, -24.4569 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 85.8870, 28.1567, -24.4569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

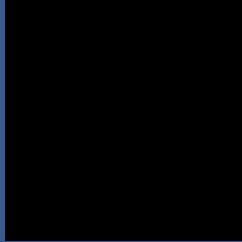
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.8870, 28.1567, -24.4569

Background



This preview shows how black text looks on a background with the YUV color 85.8870, 28.1567, -24.4569.



This preview shows how white text looks on a background with the YUV color 85.8870, 28.1567,

-24.4569.

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

85.8870, 28.1567, -24.4569

Protanopia

87.4750, 26.3878, -17.0796

Deuteranopia

85.5880, 28.3041, -25.0717



Tritanopia

81.1680, 11.7492, -35.2273

Trichromacy



Original Color

85.8870, 28.1567, -24.4569

Protanomaly

86.9800, 27.1249, -20.1535

Deuteranomaly

85.5880, 28.3041, -25.0717

Tritanomaly

82.7970, 17.8481, -31.3940

Monochromacy



Original Color

85.8870, 28.1567, -24.4569

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9910, 10.3574, -8.7621

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8870, 28.1567, -24.4569 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, 89, 143)` looks like.

```
.text, #text, p{  
    color:rgb(58, 89, 143)  
}
```

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, 89, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 89, 143) }
```

Border

The CSS property to change the border of an element to YUV 85.8870, 28.1567, -24.4569 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, 89, 143) }
```


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

```
.border{ border-color:rgb(58, 89, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 89, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 89, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 89, 143);  
box-shadow:4px 4px 4px 4px rgb(58, 89,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 85.8870, 28.1567, -24.4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 89, 143) }
```

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

```
.background{ background-color: rgb(58, 89,  
143) }
```

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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