

Converting Colors

YUV(83.5500, 9.0959, -24.1613)

Have a look what the booklet for
YUV(83.5500, 9.0959, -24.1613)
contains.

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Color

**YUV(83.5500, 9.0959,
-24.1613)**

Conversions

Conversions Part 1

Format	Color
Hex	385E66
RGB	56, 94, 102
RGB Percent	22%, 37%, 40%
CMY	0.7804, 0.6314, 0.6000
CMYK	0.45, 0.08, 0.00, 0.60
HSL	190°, 29%, 31%
HSV	190°, 45%, 40%
XYZ	8.0319, 9.8055, 14.0397
YIQ	83.5500, -25.2160, -5.5680

Conversions

Conversions Part 2

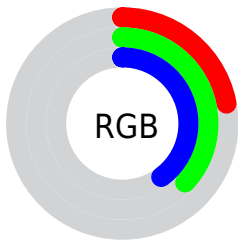
Format	Color
RYB	56, 77, 102
Decimal	3694182
CIELab	37.49, -11.15, -8.81
CIELCh	37, 14.215, 218.324
Yxy	9.8055, 0.2520, 0.3076
Android (android.graphics.Color)	4281884262 (0xFF385E66)
YUV	83.5500, 9.0959, -24.1613
Hunter-Lab	31.3137, -9.0143, -4.6635

Details

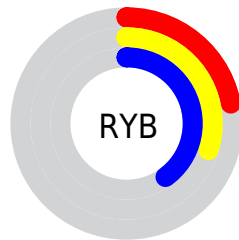
The YUV color **83.5500, 9.0959, -24.1613** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74.4500, -9.0959, 24.1613**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6640, 9.5326, -24.2613**, and **35.6420, 9.5435, -27.7500** is the 20% darker color. If you saturate the color by 10%, you get **79.3860, 11.1487, -29.2795**, and if you desaturate by 10%, it is **87.7140, 7.0430, -19.0432**.

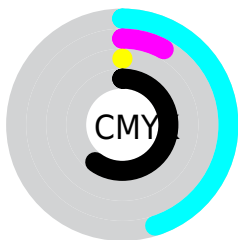
Distribution



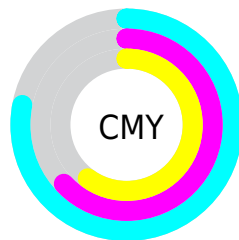
- Red (22%)
- Green (37%)
- Blue (40%)



- Red (22%)
- Yellow (30%)
- Blue (40%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (60%)



- Cyan (78%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5500, 9.0959, -24.1613 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 83.5500, 9.0959, -24.1613 by changing the saturation by 10% instead.

83.5500, 9.0959,
-24.1613

83.5500, 9.0959,
-24.1613

255.0000, 0.0000,
0.0000

59.5500, 9.0959,
-24.1613

133.6640, 9.5326,
-24.2613

35.6420, 9.5435,
-27.7500

160.3650, 9.6801,
-24.8761

19.7250, 7.0376,
-17.2988

187.0660, 9.8275,
-25.4909

1.2540, 4.8048,
-1.0998

215.0660, 9.8275,
-25.4909

0.0000, 0.0000,
0.0000

242.7410, 6.0437,
-25.2059

251.4120, 1.7689,

-7.3773

■ 83.5500, 9.0959,
-24.1613

■ 83.5500, 9.0959,
-24.1613

■ 79.3860, 11.1487,
-29.2795

■ 87.7140, 7.0430,
-19.0432

■ 75.2220, 13.2016,
-34.3977

■ 91.8780, 4.9901,
-13.9250

■ 71.3460, 15.1124,
-40.6454

■ 95.7540, 3.0793,
-7.6773

■ 67.1820, 17.1653,
-45.7636

■ 99.9180, 1.0264,
-2.5591

■ 63.0180, 19.2181,
-50.8818

■ 104.0820, -1.0264,
2.5591

■ 60.9360, 20.2446,
-53.4409

■ 108.2460, -3.0793,
7.6773

■ 111.8230, -4.8427,
13.3102

■ 116.2860, -7.0430,
19.0432

■ 120.4500, -9.0958,
24.1614

Harmonies

Analogous

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



83.4810, 3.7069, -22.3468



83.5500, 9.0959, -24.1613



85.5660, 11.5530, -18.9134

Triad

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



83.5500, 9.0959, -24.1613



90.2990, 3.3036, 13.7698



87.2860, -10.4940, 5.8882

Complementary

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



83.5500, 9.0959, -24.1613



74.4500, -9.0959, 24.1613

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.



88.6290, -10.6631, 13.4804



83.5500, 9.0959, -24.1613



89.8390, -2.3856, 18.5582

Square

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



83.5500, 9.0959, -24.1613



89.4980, 8.1355, 3.9483



89.2860, -7.0430, 19.0432



86.2030, -7.9881, -4.5630

Rectangle

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



83.5500, 9.0959, -24.1613



87.0230, 11.8207, -11.4212



89.2860, -7.0430, 19.0432



87.4820, -11.0836, 8.3473

Sweetspot

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



83.5500, 9.0959, -24.1613



124.9710, 3.9583, -9.6216



83.9140, -9.8176, -24.4806



61.5370, 2.2003, -5.7329



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



83.5500, 9.0959, -24.1613



103.8410, 14.3754, -37.5716



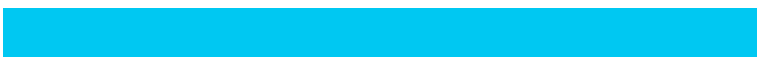
70.0490, 15.7518, -12.3210



48.9180, 1.0264, -2.5591



68.8750, 22.7396, -60.4034



144.9880, 47.8269, -127.1545

Inverse Universe

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



74.0860, 9.8176, 24.4806



89.2540, 15.1578, 38.3652



87.9510, -15.7518, 12.3210



47.9510, 1.0102, 2.6740



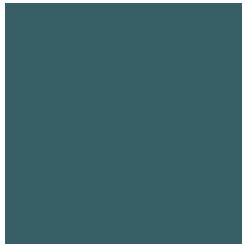
45.2150, 24.5440, 61.2014



95.1580, 51.6871, 128.7804

Previews

White Background



This preview shows how the YUV color 83.5500, 9.0959, -24.1613 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 83.5500, 9.0959, -24.1613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

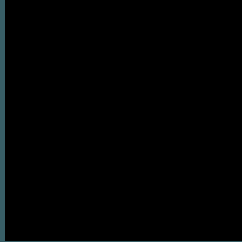
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.5500, 9.0959, -24.1613

Background



This preview shows how black text looks on a background with the YUV color 83.5500, 9.0959, -24.1613.



This preview shows how white text looks on a background with the YUV color 83.5500, 9.0959, -24.1613.

-24.1613.

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

83.5500, 9.0959, -24.1613

Protanopia

88.2540, 4.8048, -1.0998

Deuteranopia

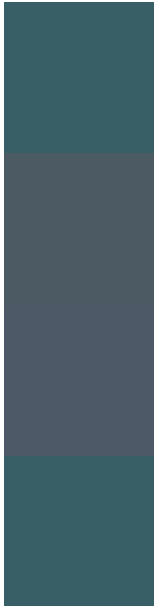
88.9490, 7.4201, 0.0447



Tritanopia

83.5500, 9.0959, -24.1613

Trichromacy



Original Color

83.5500, 9.0959, -24.1613

Protanomaly

86.8400, 5.9949, -9.5067

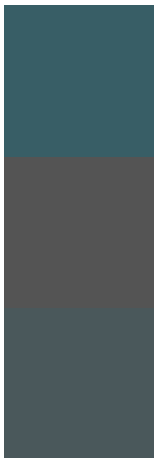
Deuteranomaly

87.0080, 7.8841, -8.7770

Tritanomaly

83.5500, 9.0959, -24.1613

Monochromacy



Original Color

83.5500, 9.0959, -24.1613

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1560, 3.3741, -8.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5500, 9.0959, -24.1613 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(56, 94, 102)` looks like.

```
.text, #text, p{  
    color:rgb(56, 94, 102)  
}
```

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(56, 94, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 94, 102) }
```

Border

The CSS property to change the border of an element to YUV 83.5500, 9.0959, -24.1613 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(56, 94, 102) }
```


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

```
.border{ border-color:rgb(56, 94, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 94, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 94, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 94, 102);  
box-shadow:4px 4px 4px 4px rgb(56, 94,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 83.5500, 9.0959, -24.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 94, 102) }
```

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

```
.background{ background-color: rgb(56, 94,  
102) }
```

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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