

Converting Colors

YUV(83.5160, 14.0426,
-24.1315)

Have a look what the booklet for
YUV(83.5160, 14.0426, -24.1315)
contains.

YUV(83.5160, 14.0426, -24.1315)	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(83.5160, 14.0426,
-24.1315)**

Conversions

Conversions Part 1

Format	Color
Hex	385C70
RGB	56, 92, 112
RGB Percent	22%, 36%, 44%
CMY	0.7804, 0.6392, 0.5608
CMYK	0.50, 0.18, 0.00, 0.56
HSL	201°, 33%, 33%
HSV	201°, 50%, 44%
XYZ	8.3827, 9.6649, 16.7529
YIQ	83.5160, -27.8760, -1.4120

Conversions

Conversions Part 2

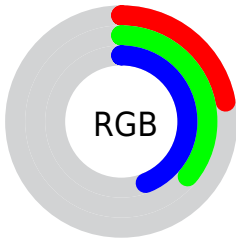
Format	Color
RYB	56, 78, 112
Decimal	3693680
CIELab	37.23, -6.90, -15.39
CIELCh	37, 16.861, 245.861
Yxy	9.6649, 0.2409, 0.2777
Android (android.graphics.Color)	4281883760 (0xFF385C70)
YUV	83.5160, 14.0426, -24.1315
Hunter-Lab	31.0884, -6.2741, -10.1883




Details

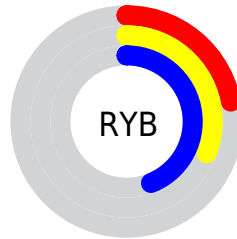
The YUV color **83.5160, 14.0426, -24.1315** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.4840, -14.0426, 24.1315**, and the grayscale version is **83.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **134.0430, 14.7688, -23.7167**, and **34.5970, 14.4957, -29.4646** is the 20% darker color. If you saturate the color by 10%, you get **77.8790, 16.8217, -28.8349**, and if you desaturate by 10%, it is **89.1530, 11.2636, -19.4282**.

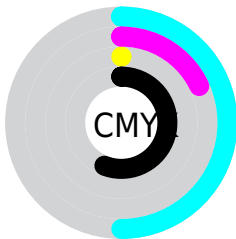
Distribution







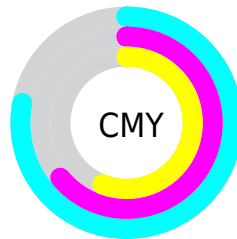
-  Red (22%)
-  Green (36%)
-  Blue (44%)






-  Red (22%)
-  Yellow (31%)
-  Blue (44%)



-  Cyan (50%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (78%)
-  Magenta (64%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5160, 14.0426, -24.1315 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 83.5160, 14.0426, -24.1315 by changing the saturation by 10% instead.

83.5160, 14.0426,
-24.1315

83.5160, 14.0426,
-24.1315

255.0000, 0.0000,
0.0000

59.2170, 14.1900,
-24.7463

134.0430, 14.7688,
-23.7167

34.5970, 14.4957,
-29.4646

160.7440, 14.9162,
-24.3315

20.0500, 10.8214,
-17.5838

187.8580, 15.3530,
-24.4315

3.0950, 9.3202,
-2.7143

215.5590, 15.5004,
-25.0462

0.0000, 0.0000,
0.0000

241.2790, 6.7645,
-23.0467

251.7110, 1.6215,

-6.7625

■ 83.5160, 14.0426,
-24.1315

■ 83.5160, 14.0426,
-24.1315

■ 77.8790, 16.8217,
-28.8349

■ 89.1530, 11.2636,
-19.4282

■ 72.2420, 19.6007,
-33.5382

■ 94.7900, 8.4845,
-14.7248

■ 66.3060, 22.5271,
-38.8564

■ 100.7260, 5.5581,
-9.4067

■ 60.6690, 25.3062,
-43.5597

■ 106.3630, 2.7790,
-4.7034

■ 55.0320, 28.0852,
-48.2631

■ 112.0000, 0.0000,
0.0000

■ 117.6370, -2.7790,
4.7034

■ 123.2740, -5.5581,
9.4067

■ 129.2100, -8.4845,
14.7248

■ 134.8470,
-11.2636, 19.4282

Harmonies

Analogous

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



81.2610, 10.7173, -30.9239



83.5160, 14.0426, -24.1315



86.7780, 13.4204, -11.2063

Triad

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



83.5160, 14.0426, -24.1315



89.5620, -2.2491, 21.4321



85.3340, -10.0247, -4.6779

Complementary

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



83.5160, 14.0426, -24.1315



84.4840, -14.0426, 24.1315

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.



87.0150, -12.8254, 7.0028



83.5160, 14.0426, -24.1315



88.6670, -8.2168, 22.2170

Square

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



83.5160, 14.0426, -24.1315



89.6520, 4.6086, 15.2142



87.8960, -12.2737, 16.7542



82.9780, -3.4402, -16.6437

Rectangle

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



83.5160, 14.0426, -24.1315



88.6760, 11.4987, -1.4699



87.8960, -12.2737, 16.7542



85.4270, -11.0565, -0.3745

Sweetspot

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



83.5160, 14.0426, -24.1315



134.6120, 5.1213, -9.3067



91.1520, -7.4699, -30.8283



67.1780, 3.3632, -5.4181



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.



83.5160, 14.0426, -24.1315



100.7900, 21.7955, -37.5268



67.0800, 22.1456, -9.7172



53.0320, 1.4632, -2.6591



58.8790, 30.1327, -51.6369



121.4910, 61.8759, -106.5476

Inverse Universe

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



76.8480, 7.4699, 30.8283



90.3970, 11.6363, 47.8868



100.9200, -22.1456, 9.7172



52.2500, 0.8628, 3.2888



44.6580, 15.9446, 66.0749



91.9790, 33.0414, 135.9534

Previews

White Background



This preview shows how the YUV color 83.5160, 14.0426, -24.1315 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 83.5160, 14.0426, -24.1315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

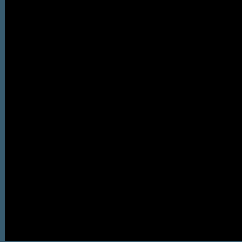
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.5160, 14.0426, -24.1315

Background



This preview shows how black text looks on a background with the YUV color 83.5160, 14.0426, -24.1315.



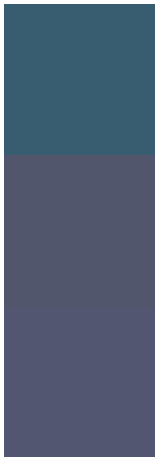
This preview shows how white text looks on a background with the YUV color 83.5160, 14.0426,

-24.1315.

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

83.5160, 14.0426, -24.1315

Protanopia

87.3120, 10.1992, -4.6586

Deuteranopia

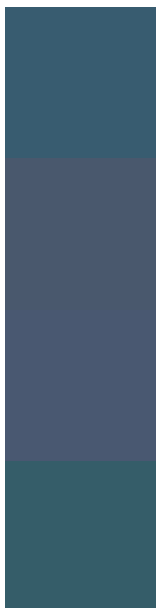
87.8820, 12.3832, -5.1585



Tritanopia

82.2400, 9.2487, -26.5205

Trichromacy



Original Color

83.5160, 14.0426, -24.1315

Protanomaly

85.9090, 11.3839, -11.3212

Deuteranomaly

86.3650, 13.1311, -11.7211

Tritanomaly

82.4080, 11.1379, -25.7908

Monochromacy



Original Color

83.5160, 14.0426, -24.1315

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9110, 4.9739, -8.6919

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5160, 14.0426, -24.1315 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, 92, 112)` looks like.

```
.text, #text, p{  
    color:rgb(56, 92, 112)  
}
```

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, 92, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 92, 112) }
```

Border

The CSS property to change the border of an element to YUV 83.5160, 14.0426, -24.1315 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, 92, 112) }
```


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

```
.border{ border-color:rgb(56, 92, 112) }
```

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

Here you see how a box with a 4 pixel rgb(56, 92, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 92, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 92, 112);  
box-shadow:4px 4px 4px 4px rgb(56, 92,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 83.5160, 14.0426, -24.1315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 92, 112) }
```

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

```
.background{ background-color: rgb(56, 92,  
112) }
```

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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