

Converting Colors

YUV(85.9500, 15.8007,
-28.0201)

Have a look what the booklet for
YUV(85.9500, 15.8007, -28.0201)
contains.

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Color

**YUV(85.9500, 15.8007,
-28.0201)**

Conversions

Conversions Part 1

Format	Color
Hex	366076
RGB	54, 96, 118
RGB Percent	21%, 38%, 46%
CMY	0.7882, 0.6235, 0.5373
CMYK	0.54, 0.19, 0.00, 0.54
HSL	201°, 37%, 34%
HSV	201°, 54%, 46%
XYZ	8.9742, 10.4580, 18.6851
YIQ	85.9500, -32.0940, -2.0620

Conversions

Conversions Part 2

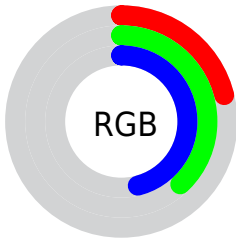
Format	Color
RYB	54, 79, 118
Decimal	3563638
CIELab	38.65, -7.89, -16.91
CIELCh	39, 18.664, 244.988
Yxy	10.4580, 0.2354, 0.2744
Android (android.graphics.Color)	4281753718 (0xFF366076)
YUV	85.9500, 15.8007, -28.0201
Hunter-Lab	32.3389, -7.0583, -11.6201

Details

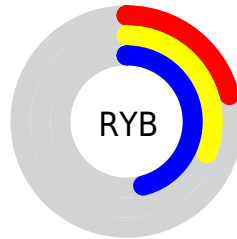
The YUV color **85.9500, 15.8007, -28.0201** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.0500, -15.8006, 28.0202**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7760, 16.3794, -26.9906**, and **37.3300, 16.1063, -32.7384** is the 20% darker color. If you saturate the color by 10%, you get **80.0140, 18.7271, -33.3383**, and if you desaturate by 10%, it is **91.8860, 12.8742, -22.7020**.

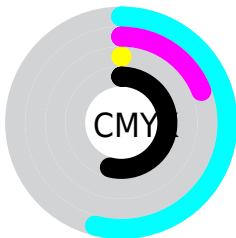
Distribution



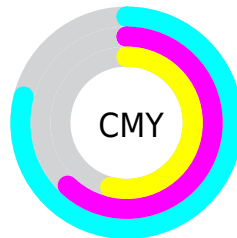
- Red (21%)
- Green (38%)
- Blue (46%)



- Red (21%)
- Yellow (31%)
- Blue (46%)



- Cyan (54%)
- Magenta (19%)
- Yellow (0%)
- Black (54%)



- Cyan (79%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9500, 15.8007, -28.0201 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 85.9500, 15.8007, -28.0201 by changing the saturation by 10% instead.

85.9500, 15.8007,
-28.0201

85.9500, 15.8007,
-28.0201

255.0000, 0.0000,
0.0000

60.9390, 15.8061,
-29.7645

136.7760, 16.3794,
-26.9906

37.3300, 16.1063,
-32.7384

163.4770, 16.5268,
-27.6053

22.3810, 12.1372,
-19.6281

190.7050, 17.4004,
-27.8053

3.6650, 11.5042,
-3.2142

218.7050, 17.4004,
-27.8053

0.0000, 0.0000,
0.0000

243.0400, 5.8963,
-24.5911

251.7110, 1.6215,

-6.7625

■ 85.9500, 15.8007,
-28.0201

■ 85.9500, 15.8007,
-28.0201

■ 80.0140, 18.7271,
-33.3383

■ 91.8860, 12.8742,
-22.7020

■ 74.0780, 21.6535,
-38.6564

■ 97.8220, 9.9478,
-17.3839

■ 68.4410, 24.4326,
-43.3598

■ 103.4590, 7.1687,
-12.6805

■ 62.5050, 27.3590,
-48.6779

■ 109.3950, 4.2423,
-7.3624

■ 58.6510, 29.2591,
-51.4369

■ 115.3310, 1.3158,
-2.0443

■ 121.2670, -1.6106,
3.2738

■ 127.2030, -4.5371,
8.5920

■ 132.8400, -7.3161,
13.2953

■ 139.3630,
-10.5320, 18.0986

Harmonies

Analogous

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



83.2820, 12.1860, -35.3273



85.9500, 15.8007, -28.0201



90.2230, 15.1731, -13.3506

Triad

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



85.9500, 15.8007, -28.0201



93.2850, -2.1125, 24.3061



88.1060, -10.8983, -4.4780

Complementary

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



85.9500, 15.8007, -28.0201



86.0500, -15.8006, 28.0202

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.



89.9720, -14.2832, 7.9176



85.9500, 15.8007, -28.0201



91.8630, -8.8065, 24.6761

Square

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



85.9500, 15.8007, -28.0201



93.4780, 5.1873, 16.2438



91.2660, -13.4421, 18.1837



85.8530, -3.8715, -18.2881

Rectangle

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



85.9500, 15.8007, -28.0201



92.0180, 12.8091, -1.7698



91.2660, -13.4421, 18.1837



88.6720, -12.6563, -0.5893

Sweetspot

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



85.9500, 15.8007, -28.0201



141.1280, 5.8529, -10.6363



93.9620, -9.3483, -35.0467



69.5800, 3.6581, -6.6477



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.



85.9500, 15.8007, -28.0201



103.4410, 24.4326, -43.3598



67.7530, 24.7718, -12.0614



56.0320, 1.4632, -2.6591



60.8680, 30.1381, -53.3812



124.7680, 61.7394, -109.4215

Inverse Universe

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



77.9240, 8.9115, 35.1467



91.0110, 13.7986, 54.3644



104.2470, -24.7718, 12.0614



55.2500, 0.8628, 3.2888



45.5980, 16.9602, 67.0046



93.4460, 34.7831, 137.2979

Previews

White Background



This preview shows how the YUV color 85.9500, 15.8007, -28.0201 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 85.9500, 15.8007, -28.0201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

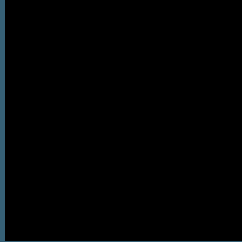
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.9500, 15.8007, -28.0201

Background



This preview shows how black text looks on a background with the YUV color 85.9500, 15.8007, -28.0201.

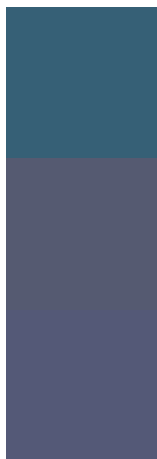


This preview shows how white text looks on a background with the YUV color 85.9500, 15.8007,

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

85.9500, 15.8007, -28.0201

Protanopia

91.1270, 10.7834, -5.3734

Deuteranopia

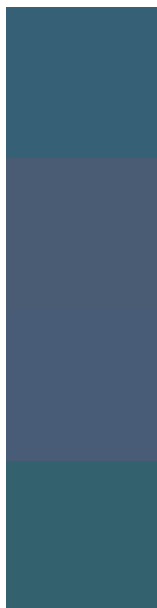
90.9250, 13.8410, -6.0732



Tritanopia

84.5600, 10.5699, -30.3091

Trichromacy



Original Color

85.9500, 15.8007, -28.0201

Protanomaly

89.2400, 12.6997, -13.3655

Deuteranomaly

89.3970, 14.5943, -14.3802

Tritanomaly

84.7280, 12.4591, -29.5795

Monochromacy



Original Color

85.9500, 15.8007, -28.0201

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1280, 5.8529, -10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9500, 15.8007, -28.0201 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(54, 96, 118)` looks like.

```
.text, #text, p{  
  color:rgb(54, 96, 118)  
}
```

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(54, 96, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 96, 118) }
```

Border

The CSS property to change the border of an element to YUV 85.9500, 15.8007, -28.0201 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(54, 96, 118) }
```


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

```
.border{ border-color:rgb(54, 96, 118) }
```

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

Here you see how a box with a 4 pixel rgb(54, 96, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 96, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 96, 118);  
box-shadow:4px 4px 4px 4px rgb(54, 96,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 85.9500, 15.8007, -28.0201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 96, 118) }
```

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

```
.background{ background-color: rgb(54, 96,  
118) }
```

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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