

Converting Colors

YUV(50.9500, 15.8007,
-28.0201)

Have a look what the booklet for
YUV(50.9500, 15.8007, -28.0201)
contains.

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Color

**YUV(50.9500, 15.8007,
-28.0201)**

Conversions

Conversions Part 1

Format	Color
Hex	133D53
RGB	19, 61, 83
RGB Percent	7%, 24%, 33%
CMY	0.9255, 0.7608, 0.6745
CMYK	0.77, 0.27, 0.00, 0.67
HSL	201°, 63%, 20%
HSV	201°, 77%, 33%
XYZ	3.4986, 4.1005, 8.7907
YIQ	50.9500, -32.0940, -2.0620

Conversions

Conversions Part 2

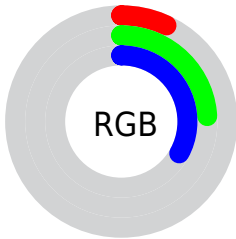
Format	Color
R _Y B	19, 44, 83
Decimal	1260883
CIE Lab	24.00, -6.09, -17.47
CIE LCh	24, 18.505, 250.777
Yxy	4.1005, 0.2135, 0.2502
Android (android.graphics.Color)	4279450963 (0xFF133D53)
YUV	50.9500, 15.8007, -28.0201
Hunter-Lab	20.2496, -4.5964, -11.5640

Details

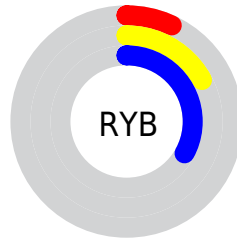
The YUV color **50.9500, 15.8007, -28.0201** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **51.0500, -15.8006, 28.0202**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.0860, 16.2266, -24.6314**, and **15.4850, 11.0999, -13.5803** is the 20% darker color. If you saturate the color by 10%, you get **46.7970, 17.8481, -31.3940**, and if you desaturate by 10%, it is **55.1030, 13.7532, -24.6463**.

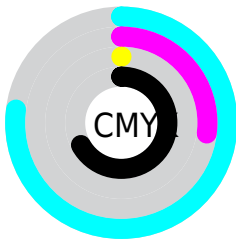
Distribution



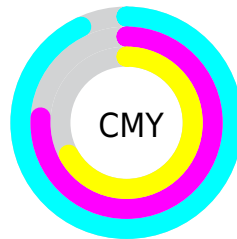
- Red (7%)
- Green (24%)
- Blue (33%)



- Red (7%)
- Yellow (17%)
- Blue (33%)



- Cyan (77%)
- Magenta (27%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.9500, 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 50.9500, 15.8007, -28.0201 by changing the saturation by 10% instead.

■ 50.9500, 15.8007,
-28.0201

■ 50.9500, 15.8007,
-28.0201

■ 255.0000, 0.0000,
0.0000

■ 29.7330, 14.9216,
-26.0758

■ 100.0860, 16.2266,
-24.6314

■ 15.4850, 11.0999,
-13.5803

■ 125.7870, 16.3740,
-25.2462

■ 2.4110, 6.6994,
-2.1144

■ 151.9010, 16.8108,
-25.3462

■ 0.0000, 0.0000,
0.0000

■ 178.9010, 16.8108,
-25.3462

■ 206.1290, 17.6844,
-25.5461

■ 233.0060, 10.8430,

-24.5613

■ 248.7210, 3.0955,
-12.9103

■ 50.9500, 15.8007,
-28.0201

■ 50.9500, 15.8007,
-28.0201

■ 46.7970, 17.8481,
-31.3940

■ 55.1030, 13.7532,
-24.6463

■ 42.3450, 20.0429,
-35.3826

■ 59.5550, 11.5584,
-20.6577

■ 41.1600, 20.6271,
-36.0973

■ 63.7080, 9.5110,
-17.2839

■ 67.2740, 7.7529,
-13.3953

■ 71.7260, 5.5581,
-9.4067

■ 75.8790, 3.5107,
-6.0329

■ 80.0320, 1.4632,
-2.6591

■ 84.1850, -0.5842,
0.7148

■ 88.6370, -2.7790,
4.7034

Harmonies

Analogous

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



46.1180, 14.2388, -40.4455



50.9500, 15.8007, -28.0201



56.4900, 13.5624, -10.0767

Triad

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



50.9500, 15.8007, -28.0201



58.1600, -2.5439, 22.6617



54.2520, -8.9982, -7.2370

Complementary

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



50.9500, 15.8007, -28.0201



51.0500, -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.



55.5910, -13.1094, 4.7437



50.9500, 15.8007, -28.0201



57.8410, -8.7956, 21.1874

Square

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



50.9500, 15.8007, -28.0201



58.5490, 4.1663, 17.0585



56.7710, -12.7051, 15.1098



51.2980, -2.1189, -20.4323

Rectangle

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



50.9500, 15.8007, -28.0201



57.9860, 11.3459, 0.8893



56.7710, -12.7051, 15.1098



54.2310, -10.4669, -2.8336

Sweetspot

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



50.9500, 15.8007, -28.0201



94.8290, 6.0003, -11.2510



58.9620, -9.3483, -35.0467



45.9930, 3.9475, -6.1329



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



50.9500, 15.8007, -28.0201



57.1420, 24.5800, -43.9745



32.7530, 24.7718, -12.0614



38.6300, 1.1684, -1.4295



52.4730, 25.8958, -46.0188



115.6720, 57.3497, -101.4443

Inverse Universe

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



42.9240, 8.9115, 35.1467



44.4240, 14.0880, 54.8792



69.2470, -24.7718, 12.0614



38.4240, 0.2840, 2.2592



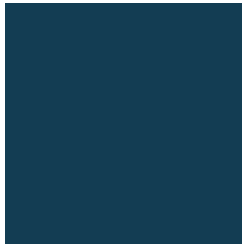
39.2610, 14.6613, 57.6531



86.6960, 32.1949, 127.4316

Previews

White Background



This preview shows how the YUV color 50.9500, 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 ✓ Pass

Black Background



This preview shows how the YUV color 50.9500, 15.8007, -28.0201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

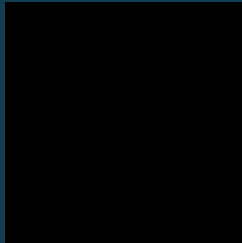
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.9500, 15.8007, -28.0201

Background



This preview shows how black text looks on a background with the YUV color 50.9500, 15.8007, -28.0201.



This preview shows how white text looks on a background with the YUV color 50.9500, 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

50.9500, 15.8007, -28.0201

Protanopia

56.8280, 10.9308, -5.9882

Deuteranopia

56.7890, 13.4150, -9.4620



Tritanopia

44.8470, 11.9074, -39.3308

Trichromacy



Original Color

50.9500, 15.8007, -28.0201

Protanomaly

54.8270, 12.4103, -13.8803

Deuteranomaly

54.3860, 14.5997, -16.1245

Tritanomaly

46.9230, 13.3490, -35.0125

Monochromacy



Original Color

50.9500, 15.8007, -28.0201

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1280, 5.8529, -10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.9500, 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(19, 61, 83)` looks like.

```
.text, #text, p{  
    color:rgb(19, 61, 83)  
}
```

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(19, 61, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 61, 83) }
```

Border

The CSS property to change the border of an element to YUV 50.9500, 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(19, 61, 83) }
```


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

```
.border{ border-color:rgb(19, 61, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 61, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 61, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 61, 83);  
box-shadow:4px 4px 4px 4px rgb(19, 61, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.9500, 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(19, 61, 83) }
```

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

```
.background{ background-color: rgb(19, 61,  
83) }
```

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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