

Converting Colors

YUV(171.5340, 10.0897,
-16.2543)

Have a look what the booklet for
YUV(171.5340, 10.0897, -16.2543)
contains.

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Color

**YUV(171.5340, 10.0897,
-16.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	99B1C0
RGB	153, 177, 192
RGB Percent	60%, 69%, 75%
CMY	0.4000, 0.3059, 0.2471
CMYK	0.20, 0.08, 0.00, 0.25
HSL	203°, 24%, 68%
HSV	203°, 20%, 75%
XYZ	38.3734, 42.0224, 55.9578
YIQ	171.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

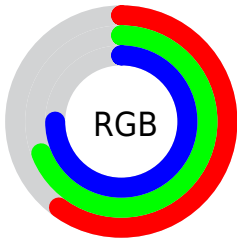
Format	Color
RYB	153, 168, 192
Decimal	10072512
CIELab	70.89, -4.96, -10.40
CIElCh	71, 11.521, 244.472
Yxy	42.0224, 0.2814, 0.3082
Android (android.graphics.Color)	4288262592 (0xFF99B1C0)
YUV	171.5340, 10.0897, -16.2543
Hunter-Lab	64.8247, -7.7787, -5.8029

Details

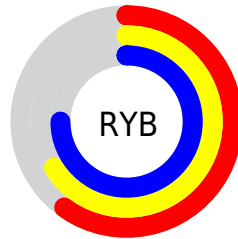
The YUV color $171.5340, 10.0897, -16.2543$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $173.4660, -10.0897, 16.2543$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.2350, 10.2371, -16.8691$, and $118.8330, 9.9423, -15.6395$ is the 20% darker color. If you saturate the color by 10%, you get $161.7440, 14.9162, -24.3315$, and if you desaturate by 10%, it is $181.3240, 5.2633, -8.1771$.

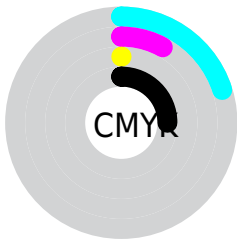
Distribution



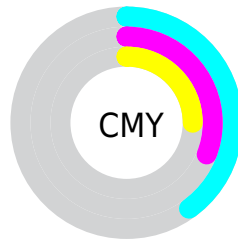
- Red (60%)
- Green (69%)
- Blue (75%)



- Red (60%)
- Yellow (66%)
- Blue (75%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (40%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5340, 10.0897, -16.2543 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 171.5340, 10.0897, -16.2543 by changing the saturation by 10% instead.

■ 171.5340, 10.0897,
-16.2543

■ 171.5340, 10.0897,
-16.2543

255.0000, 0.0000,
0.0000

■ 144.8330, 9.9423,
-15.6395

■ 227.2350, 10.2371,
-16.8691

■ 118.8330, 9.9423,
-15.6395

■ 249.3190, 2.8007,
-11.6808

■ 94.6050, 9.0687,
-15.4396

■ 70.6050, 9.0687,
-15.4396

■ 47.4910, 8.6319,
-15.3396

■ 25.7790, 8.4900,
-16.4692

■ 6.7310, 8.0206,

-5.9031

■ 0.0000, 0.0000,
0.0000

■ 171.5340, 10.0897,
-16.2543

■ 171.5340, 10.0897,
-16.2543

■ 161.7440, 14.9162,
-24.3315

■ 181.3240, 5.2633,
-8.1771

■ 151.3670, 20.0321,
-31.8939

■ 191.7010, 0.1474,
-0.6148

■ 141.2780, 25.0059,
-40.5858

■ 201.7900, -4.8265,
8.0772

■ 130.9010, 30.1218,
-48.1482

■ 212.1670, -9.9423,
15.6395

■ 121.1110, 34.9483,
-56.2253

■ 221.9570,
-14.7688, 23.7167

■ 111.3210, 39.7747,
-64.3025

■ 227.8600,
-17.6790, 23.8018

■ 100.9440, 44.8906,
-71.8649

■ 232.5560,
-19.9941, 19.6834

■ 91.1540, 49.7171,
-79.9421

■ 236.6650,
-22.0198, 16.0798

■ 240.7740,
-24.0456, 12.4762

Harmonies

Analogous

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



170.1160, 7.3378, -20.2727



171.5340, 10.0897, -16.2543



173.2900, 10.2100, -8.1473

Triad

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



171.5340, 10.0897, -16.2543



175.3550, -1.6540, 17.2287



171.6270, -7.7041, -2.3039

Complementary

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



171.5340, 10.0897, -16.2543



173.4660, -10.0897, 16.2543

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.



173.1120, -9.9152, 6.9178



171.5340, 10.0897, -16.2543



175.1010, -6.4588, 18.3284

Square

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



171.5340, 10.0897, -16.2543



175.9890, 3.4564, 11.4106



174.2700, -9.5001, 13.7952



170.7120, -3.3090, -12.0254

Rectangle

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



171.5340, 10.0897, -16.2543



173.9920, 8.8779, -0.8700



174.2700, -9.5001, 13.7952



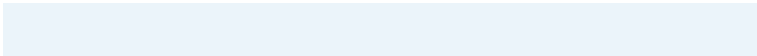
172.0080, -8.8779, 0.8700

Sweetspot

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



171.5340, 10.0897, -16.2543



241.9930, 3.9475, -6.1329



177.6030, -4.7343, -21.5768



120.5480, 2.1948, -3.9886



252.0000, 0.0000, 0.0000



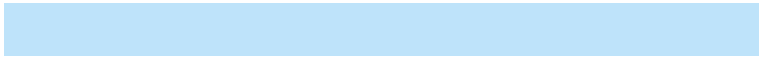
125.0000, 0.0000, 0.0000

Same Dimension

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



171.5340, 10.0897, -16.2543



218.5590, 15.5004, -25.0462



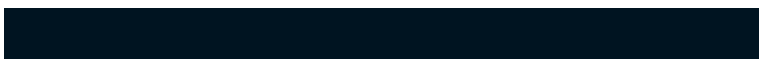
160.3810, 15.5882, -6.4731



91.6620, 2.6316, -4.0886



76.4670, 41.6748, -67.0616



15.5020, 8.6265, -13.5953

Inverse Universe

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



167.3970, 4.7343, 21.5768



212.1580, 7.3171, 33.1874



184.6190, -15.5882, 6.4731



90.6740, 1.1467, 5.5479



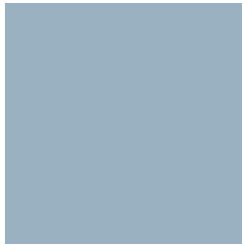
59.4250, 19.5105, 89.0813



12.1470, 3.8715, 18.2881

Previews

White Background



This preview shows how the YUV color 171.5340, 10.0897, -16.2543 looks on a white background.

Color Contrast Check

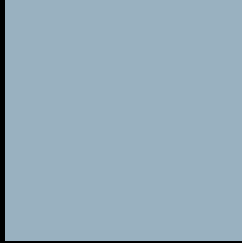
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 171.5340, 10.0897, -16.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

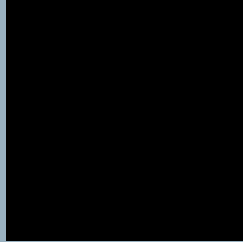
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

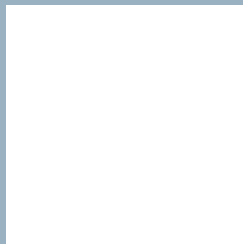
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 171.5340, 10.0897, -16.2543

Background



This preview shows how black text looks on a background with the YUV color 171.5340, 10.0897, -16.2543.



This preview shows how white text looks on a background with the YUV color 171.5340, 10.0897, -16.2543.

-16.2543.

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

171.5340, 10.0897, -16.2543

Protanopia

173.9380, 7.4256, -1.6996

Deuteranopia

175.1390, 9.2985, 4.2631



Tritanopia

171.4200, 9.6529, -16.1543

Trichromacy



Original Color

171.5340, 10.0897, -16.2543

Protanomaly

173.1330, 8.3154, -7.1326

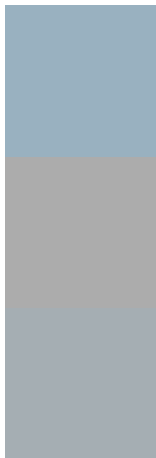
Deuteranomaly

173.7960, 9.4676, -3.3291

Tritanomaly

171.4200, 9.6529, -16.1543

Monochromacy



Original Color

171.5340, 10.0897, -16.2543

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8790, 3.5107, -6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5340, 10.0897, -16.2543 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(153, 177, 192)` looks like.

```
.text, #text, p{  
    color:rgb(153, 177, 192)  
}
```

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(153, 177, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 177, 192) }
```

Border

The CSS property to change the border of an element to YUV 171.5340, 10.0897, -16.2543 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(153, 177, 192) }
```


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

```
.border{ border-color:rgb(153, 177, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 177, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 177, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 177, 192);  
box-shadow:4px 4px 4px 4px rgb(153, 177,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 171.5340, 10.0897, -16.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 177, 192) }
```

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

```
.background{ background-color: rgb(153,  
177, 192) }
```

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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