

Converting Colors

YUV(138.5250, 0.2342,
-28.5244)

Have a look what the booklet for
YUV(138.5250, 0.2342, -28.5244)
contains.

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Color

**YUV(138.5250, 0.2342,
-28.5244)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9B8B
RGB	106, 155, 139
RGB Percent	42%, 61%, 55%
CMY	0.5843, 0.3922, 0.4549
CMYK	0.32, 0.00, 0.10, 0.39
HSL	160°, 20%, 51%
HSV	160°, 32%, 61%
XYZ	22.3254, 28.3709, 28.7256
YIQ	138.5250, -24.0680, -15.3640

Conversions

Conversions Part 2

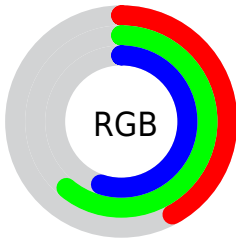
Format	Color
RYB	106, 135, 155
Decimal	6986635
CIELab	60.22, -20.04, 3.15
CIElCh	60, 20.289, 171.081
Yxy	28.3709, 0.2811, 0.3572
Android (android.graphics.Color)	4285176715 (0xFF6A9B8B)
YUV	138.5250, 0.2342, -28.5244
Hunter-Lab	53.2644, -18.3956, 5.3099

Details

The YUV color $138.5250, 0.2342, -28.5244$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $122.4750, -0.2342, 28.5244$, and the grayscale version is $139.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $192.6990, -0.3446, -29.5540$, and $87.9380, 0.5236, -28.0096$ is the 20% darker color. If you saturate the color by 10%, you get $133.4700, 0.2613, -37.2462$, and if you desaturate by 10%, it is $143.8790, 0.0597, -19.1879$.

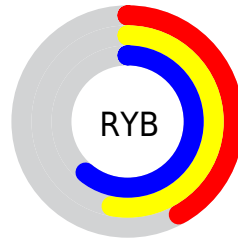
Distribution



Red (42%)

Green (61%)

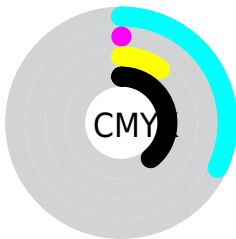
Blue (55%)



Red (42%)

Yellow (53%)

Blue (61%)

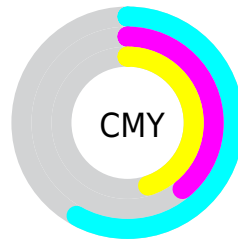


Cyan (32%)

Magenta (0%)

Yellow (10%)

Black (39%)



Cyan (58%)

Magenta (39%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.5250, 0.2342, -28.5244 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 138.5250, 0.2342, -28.5244 by changing the saturation by 10% instead.

■ 138.5250, 0.2342,
-28.5244

■ 138.5250, 0.2342,
-28.5244

■ 255.0000, 0.0000,
0.0000

■ 112.9380, 0.5236,
-28.0096

■ 192.6990, -0.3446,
-29.5540

■ 87.9380, 0.5236,
-28.0096

■ 220.4000, -0.1972,
-30.1688

■ 63.4650, 1.2498,
-27.5948

■ 242.0570, 3.4229,
-24.6060

■ 39.0840, 2.4236,
-30.7687

■ 251.4120, 1.7689,
-7.3773

■ 23.1670, -0.0823,
-20.3175

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,

0.0000

■ 138.5250, 0.2342,
-28.5244

■ 138.5250, 0.2342,
-28.5244

■ 133.4700, 0.2613,
-37.2462

■ 143.8790, 0.0597,
-19.1879

■ 128.1160, 0.4358,
-46.5827

■ 148.9340, 0.0325,
-10.4661

■ 123.0610, 0.4629,
-55.3045

■ 154.2880, -0.1420,
-1.1296

■ 117.7070, 0.6374,
-64.6410

■ 159.3430, -0.1691,
7.5922

■ 112.6520, 0.6646,
-73.3628

■ 164.6970, -0.3436,
16.9287

■ 107.2980, 0.8391,
-82.6993

■ 169.7520, -0.3707,
25.6505

■ 102.8410, 0.5714,
-90.1916

■ 174.8070, -0.3979,
34.3723

■ 180.1610, -0.5724,
43.7088

■ 185.6290, -0.3101,
52.9454

Harmonies

Analogous

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



140.5070, -9.1240, -13.5996



138.5250, 0.2342, -28.5244



137.2880, 9.7180, -37.0866

Triad

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



138.5250, 0.2342, -28.5244



145.8050, 15.8721, -4.2140



146.2070, -13.9061, 27.0055

Complementary

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



138.5250, 0.2342, -28.5244



122.4750, -0.2342, 28.5244

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.



147.6510, -7.2229, 30.1241



138.5250, 0.2342, -28.5244



148.3080, 9.7082, 12.8849

Square

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



138.5250, 0.2342, -28.5244



142.3790, 18.5472, -22.2574



148.2080, 1.3765, 25.2506



144.9300, -17.2205, 16.7244

Rectangle

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



138.5250, 0.2342, -28.5244



137.9550, 14.8122, -37.6715



148.2080, 1.3765, 25.2506



146.9730, -12.3117, 28.9647

Sweetspot

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



138.5250, 0.2342, -28.5244



195.0480, 0.4693, -10.5661



139.5470, -16.5387, -15.3887



98.2550, -0.1257, -6.3626



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



138.5250, 0.2342, -28.5244



175.4260, 0.2830, -44.2236



135.6530, 9.5381, -26.0057



74.2660, -0.1311, -4.6183



92.8960, 0.5443, -81.4698



8.6570, 0.1691, -7.5922

Inverse Universe

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



122.4750, -0.2342, 28.5244



150.5740, -0.2830, 44.2236



125.3470, -9.5381, 26.0057



71.6200, -0.3057, 4.7183



47.1040, -0.5443, 81.4698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 138.5250, 0.2342, -28.5244 looks on a white 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

Black Background



This preview shows how the YUV color 138.5250, 0.2342, -28.5244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

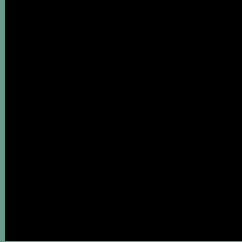
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.5250, 0.2342, -28.5244

Background



This preview shows how black text looks on a background with the YUV color 138.5250, 0.2342, -28.5244.



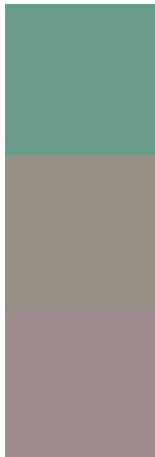
This preview shows how white text looks on a background with the YUV color 138.5250, 0.2342,

-28.5244.

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

138.5250, 0.2342, -28.5244

Protanopia

144.5400, -5.6892, 4.7884

Deuteranopia

145.9090, -1.9271, 11.4808



Tritanopia

140.5220, 11.5747, -25.8908

Trichromacy



Original Color

138.5250, 0.2342, -28.5244

Protanomaly

142.3320, -3.6147, -7.3072

Deuteranomaly

143.0490, -1.0102, -2.6740

Tritanomaly

139.4850, 7.6489, -26.7353

Monochromacy



Original Color

138.5250, 0.2342, -28.5244

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9340, 0.0325, -10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5250, 0.2342, -28.5244 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(106, 155, 139)` looks like.

```
.text, #text, p{  
    color:rgb(106, 155, 139)  
}
```

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(106, 155, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 155, 139) }
```

Border

The CSS property to change the border of an element to YUV 138.5250, 0.2342, -28.5244 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(106, 155, 139) }
```


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

```
.border{ border-color:rgb(106, 155, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 155, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 155, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 155, 139);  
box-shadow:4px 4px 4px 4px rgb(106, 155,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 138.5250, 0.2342, -28.5244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 155, 139) }
```

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

```
.background{ background-color: rgb(106,  
155, 139) }
```

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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