

Converting Colors

YUV(113.8070, 12.4201,
-63.8517)

Have a look what the booklet for
YUV(113.8070, 12.4201, -63.8517)
contains.

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Color

**YUV(113.8070, 12.4201,
-63.8517)**

Conversions

Conversions Part 1

Format	Color
Hex	29928B
RGB	41, 146, 139
RGB Percent	16%, 57%, 55%
CMY	0.8392, 0.4275, 0.4549
CMYK	0.72, 0.00, 0.05, 0.43
HSL	176°, 56%, 37%
HSV	176°, 72%, 57%
XYZ	15.8535, 22.8933, 28.0094
YIQ	113.8070, -60.3330, -24.4370

Conversions

Conversions Part 2

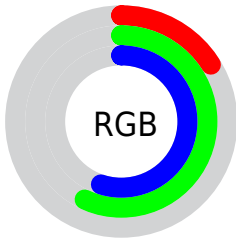
Format	Color
RYB	41, 95, 146
Decimal	2724491
CIELab	54.96, -30.64, -4.85
CIELCh	55, 31.021, 188.992
Yxy	22.8933, 0.2375, 0.3429
Android (android.graphics.Color)	4280914571 (0xFF29928B)
YUV	113.8070, 12.4201, -63.8517
Hunter-Lab	47.8469, -24.5881, -1.2153

Details

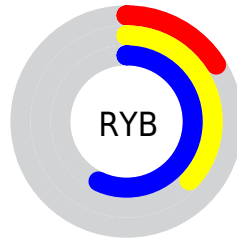
The YUV color **113.8070, 12.4201, -63.8517** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **73.1930, -12.4201, 63.8517**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0850, 10.8041, -58.8335**, and **65.9110, 11.3829, -57.8039** is the 20% darker color. If you saturate the color by 10%, you get **109.2080, 14.1945, -72.9734**, and if you desaturate by 10%, it is **118.4060, 10.6458, -54.7301**.

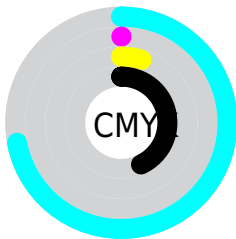
Distribution



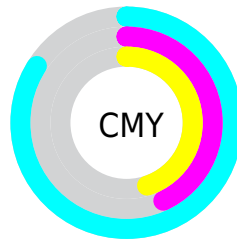
- Red (16%)
- Green (57%)
- Blue (55%)



- Red (16%)
- Yellow (37%)
- Blue (57%)



- Cyan (72%)
- Magenta (0%)
- Yellow (5%)
- Black (43%)



- Cyan (84%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8070, 12.4201, -63.8517 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 113.8070, 12.4201, -63.8517 by changing the saturation by 10% instead.

■ 113.8070, 12.4201,
-63.8517

■ 113.8070, 12.4201,
-63.8517

■ 255.0000, 0.0000,
0.0000

■ 83.4360, 15.0681,
-73.1734

■ 170.0850, 10.8041,
-58.8335

■ 65.9110, 11.3829,
-57.8039

■ 198.9710, 10.3673,
-58.7336

■ 49.2010, 8.2819,
-43.1493

■ 225.9110, 11.3829,
-57.8039

■ 32.6050, 5.6177,
-28.5946

■ 235.2660, 9.7289,
-40.5753

■ 18.4710, 2.2328,
-16.1991

■ 243.9370, 5.4541,
-22.7467

■ 0.0000, 0.0000,
0.0000

■ 252.9070, 1.0318,

-4.3034

■ 113.8070, 12.4201,
-63.8517

■ 113.8070, 12.4201,
-63.8517

■ 109.2080, 14.1945,
-72.9734

■ 118.4060, 10.6458,
-54.7301

■ 104.9080, 15.8214,
-81.4803

■ 122.7060, 9.0189,
-46.2232

■ 101.2060, 17.1534,
-88.7577

■ 127.3050, 7.2446,
-37.1015

■ 131.6050, 5.6177,
-28.5946

■ 136.2040, 3.8434,
-19.4729

■ 140.8030, 2.0691,
-10.3512

■ 145.1030, 0.4422,
-1.8443

■ 149.7020, -1.3321,
7.2773

■ 154.0020, -2.9590,
15.7842

Harmonies

Analogous

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



120.8030, -4.8329, -36.6612



113.8070, 12.4201, -63.8517



108.3070, 27.4566, -80.0762

Triad

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



113.8070, 12.4201, -63.8517



134.6910, 18.8863, 9.0410



130.8840, -24.0998, 29.9197

Complementary

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



113.8070, 12.4201, -63.8517



73.1930, -12.4201, 63.8517

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.



132.9100, -16.7176, 42.1749



113.8070, 12.4201, -63.8517



134.9730, 7.9013, 32.4727

Square

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



113.8070, 12.4201, -63.8517



129.5670, 26.8355, -20.6683



134.3090, -5.0823, 43.5790



129.1220, -25.2031, 10.4170

Rectangle

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



113.8070, 12.4201, -63.8517



116.3890, 29.8812, -64.3622



134.3090, -5.0823, 43.5790



131.6720, -22.5163, 35.3677

Sweetspot

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



113.8070, 12.4201, -63.8517



176.1000, 4.8807, -25.5207



104.7280, -31.4179, -49.7505



86.7100, 3.1010, -14.6547



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



113.8070, 12.4201, -63.8517



139.0090, 19.2226, -99.1089



88.1900, 28.5003, -41.3856



71.7930, 0.5951, -4.2035



95.7120, 16.4110, -83.9394



7.0100, 1.4741, -6.1478

Inverse Universe

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



73.1930, -12.4201, 63.8517



75.9910, -19.2226, 99.1089



99.3970, -28.7897, 40.8708



69.0930, -1.0318, 4.3034



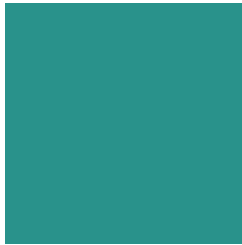
42.2880, -16.4110, 83.9394



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 113.8070, 12.4201, -63.8517 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 113.8070, 12.4201, -63.8517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

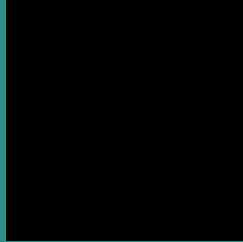
Any Text WCAG AA ✓ Pass

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 113.8070, 12.4201, -63.8517 Background



This preview shows how black text looks on a background with the YUV color 113.8070, 12.4201, -63.8517.



This preview shows how white text looks on a background with the YUV color 113.8070, 12.4201, -63.8517.

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

113.8070, 12.4201, -63.8517

Protanopia

130.8970, -0.4422, 1.8443

Deuteranopia

132.1130, 5.3673, 5.1629



Tritanopia

117.4470, 18.5136, -58.2740

Trichromacy



Original Color

113.8070, 12.4201, -63.8517

Protanomaly

124.8940, 3.9963, -21.8320

Deuteranomaly

125.6430, 8.0640, -19.8579

Tritanomaly

116.1540, 16.1931, -60.6481

Monochromacy



Original Color

113.8070, 12.4201, -63.8517

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9970, 4.4385, -23.6764

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8070, 12.4201, -63.8517 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(41, 146, 139)` looks like.

```
.text, #text, p{  
    color:rgb(41, 146, 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(41, 146, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 146, 139) }
```

Border

The CSS property to change the border of an element to YUV 113.8070, 12.4201, -63.8517 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

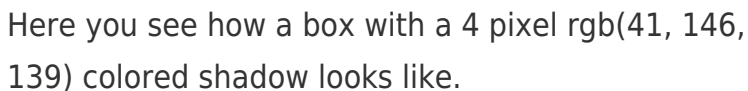
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(41, 146, 139) }
```


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

```
.border{ border-color:rgb(41, 146, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(41, 146, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 146, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 146, 139);  
box-shadow:4px 4px 4px 4px rgb(41, 146,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 113.8070, 12.4201, -63.8517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 146, 139) }
```

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

```
.background{ background-color: rgb(41, 146,  
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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