

Converting Colors

YUV(145.5630, -11.1236,
-72.4078)

Have a look what the booklet for
YUV(145.5630, -11.1236, -72.4078)
contains.

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Color

**YUV(145.5630, -11.1236,
-72.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	3FC07B
RGB	63, 192, 123
RGB Percent	25%, 75%, 48%
CMY	0.7529, 0.2471, 0.5176
CMYK	0.67, 0.00, 0.36, 0.25
HSL	148°, 51%, 50%
HSV	148°, 67%, 75%
XYZ	24.4747, 40.1861, 25.2056
YIQ	145.5630, -54.7350, -48.8070

Conversions

Conversions Part 2

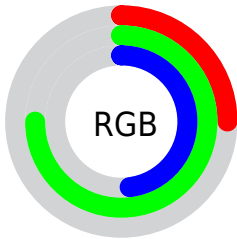
Format	Color
RYB	63, 151, 192
Decimal	4178043
CIELab	69.60, -50.87, 24.79
CIELCh	70, 56.591, 154.024
Yxy	40.1861, 0.2723, 0.4472
Android (android.graphics.Color)	4282368123 (0xFF3FC07B)
YUV	145.5630, -11.1236, -72.4078
Hunter-Lab	63.3925, -42.0213, 20.8003

Details

The YUV color **145.5630, -11.1236, -72.4078** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **109.4370, 11.1236, 72.4078**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6020, -13.6078, -68.9340**, and **88.7410, -7.7603, -77.8259** is the 20% darker color. If you saturate the color by 10%, you get **138.7420, -12.6908, -83.0887**, and if you desaturate by 10%, it is **152.3840, -9.5563, -61.7268**.

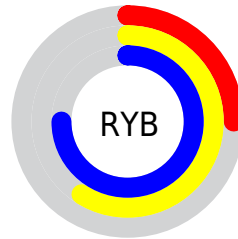
Distribution



Red (25%)

Green (75%)

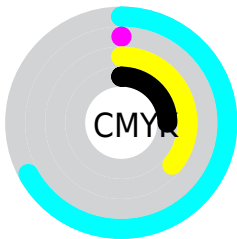
Blue (48%)



Red (25%)

Yellow (59%)

Blue (75%)

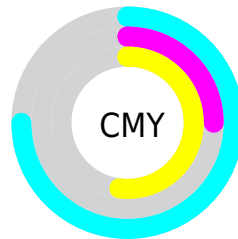


Cyan (67%)

Magenta (0%)

Yellow (36%)

Black (25%)



Cyan (75%)


Magenta (25%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.5630, -11.1236, -72.4078 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 145.5630, -11.1236, -72.4078 by changing the saturation by 10% instead.


 145.5630,
-11.1236, -72.4078

 145.5630,
-11.1236, -72.4078


255.0000, 0.0000,
0.0000

 113.4200, -7.6021,
-81.9293

 203.6020,
-13.6078, -68.9340

 88.7410, -7.7603,
-77.8259


 218.9870, -7.3886,
-56.9936


 70.8570, -10.2825,
-62.1416


 231.1490, 0.4195,
-41.3497

 53.6740, -12.6573,
-47.0721

 242.4420, 6.1911,
-25.8206

 36.2630, -15.9057,
-31.8027

 251.7110, 1.6215,
-6.7625

 22.8930, -11.2862,
-20.0772

 0.0000, 0.0000,

0.0000

■ 145.5630,
-11.1236, -72.4078

■ 145.5630,
-11.1236, -72.4078

■ 138.7420,
-12.6908, -83.0887

■ 152.3840, -9.5563,
-61.7268

■ 131.8070,
-14.6949, -93.6697

■ 159.3190, -7.5523,
-51.1458

■ 124.6870,
-16.1147, -104.9655

■ 166.4390, -6.1324,
-39.8500

■ 122.8500,
-16.6880, -107.7394

■ 173.2600, -4.5652,
-29.1690

■ 180.0810, -2.9979,
-18.4880

■ 187.0160, -0.9939,
-7.9070

■ 193.8370, 0.5734,
2.7740

■ 200.9570, 1.9932,
14.0697

■ 207.7780, 3.5604,
24.7507

Harmonies

Analogous

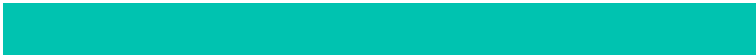
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



158.6890, -38.7937, -17.2673



145.5630, -11.1236, -72.4078



134.5290, 20.4452, -117.9819

Triad

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



145.5630, -11.1236, -72.4078



155.1390, 49.2315, -64.1429



167.4260, -25.8460, 76.8024

Complementary

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



145.5630, -11.1236, -72.4078



109.4370, 11.1236, 72.4078

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.



167.8430, -1.4016, 76.4367



145.5630, -11.1236, -72.4078



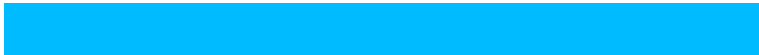
173.8860, 39.9892, 7.1160

Square

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



145.5630, -11.1236, -72.4078



138.8390, 57.2674, -121.7618



174.4440, 20.4871, 55.7386



167.3810, -44.5578, 58.4249

Rectangle

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



145.5630, -11.1236, -72.4078



138.4050, 35.2963, -121.3812



174.4440, 20.4871, 55.7386



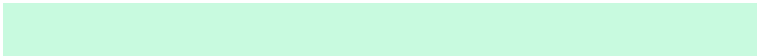
166.3150, -17.4103, 77.7767

Sweetspot

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



145.5630, -11.1236, -72.4078



231.9720, -4.4232, -28.0394



159.9520, -47.7973, -22.7599



114.2060, -2.5666, -16.8437



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.



145.5630, -11.1236, -72.4078



176.9910, -17.2506, -114.0021



152.7450, 16.3947, -78.7064



93.4400, -0.7099, -5.6479



103.0570, -13.8321, -90.3810



21.0810, -2.9979, -18.4880

Inverse Universe

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



109.4370, 11.1236, 72.4078



120.1230, 17.6874, 113.9021



102.2550, -16.3947, 78.7064



90.5600, 0.7099, 5.6479



57.9430, 13.8321, 90.3810



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 145.5630, -11.1236, -72.4078 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 145.5630, -11.1236, -72.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

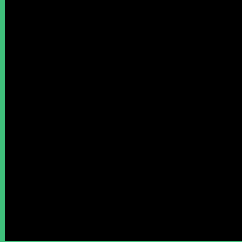
Any Text WCAG AA ✓ Pass

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 145.5630, -11.1236, -72.4078 Background



This preview shows how black text looks on a background with the YUV color 145.5630, -11.1236, -72.4078.



This preview shows how white text looks on a background with the YUV color 145.5630, -11.1236, -72.4078.

-72.4078.

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

145.5630, -11.1236, -72.4078

Protanopia

166.8020, -26.5244, 14.2056

Deuteranopia

169.1160, -19.2842, 25.3313



Tritanopia

156.9030, 20.2608, -58.6739

Trichromacy



Original Color

145.5630, -11.1236, -72.4078



Protanomaly

158.7980, -20.6064, -17.3628



Deuteranomaly

160.5800, -16.5549, -10.1557



Tritanomaly

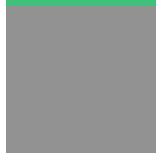
152.5960, 9.0732, -63.6667

Monochromacy



Original Color

145.5630, -11.1236, -72.4078



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.0970, -3.9918, -26.3951

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.5630, -11.1236, -72.4078 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(63, 192, 123)` looks like.

```
.text, #text, p{  
    color:rgb(63, 192, 123)  
}
```

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(63, 192, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 192, 123) }
```

Border

The CSS property to change the border of an element to YUV 145.5630, -11.1236, -72.4078 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(63, 192, 123) }
```


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

```
.border{ border-color:rgb(63, 192, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 192, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 192, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 192, 123);  
box-shadow:4px 4px 4px 4px rgb(63, 192,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 145.5630, -11.1236, -72.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 192, 123) }
```

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

```
.background{ background-color: rgb(63, 192,  
123) }
```

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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