

Converting Colors

YUV(142.6950, -7.7376,
-38.3205)

Have a look what the booklet for
YUV(142.6950, -7.7376, -38.3205)
contains.

YUV(142.6950, -7.7376, -38.3205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(142.6950, -7.7376,
-38.3205)**

Conversions

Conversions Part 1

Format	Color
Hex	63A87F
RGB	99, 168, 127
RGB Percent	39%, 66%, 50%
CMY	0.6118, 0.3412, 0.5020
CMYK	0.41, 0.00, 0.24, 0.34
HSL	144°, 28%, 52%
HSV	144°, 41%, 66%
XYZ	22.9790, 32.1902, 25.0809
YIQ	142.6950, -27.9630, -27.3790

Conversions

Conversions Part 2

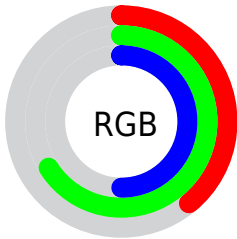
Format	Color
RYB	99, 148, 168
Decimal	6531199
CIELab	63.50, -31.19, 14.47
CIElCh	63, 34.381, 155.113
Yxy	32.1902, 0.2863, 0.4011
Android (android.graphics.Color)	4284721279 (0xFF63A87F)
YUV	142.6950, -7.7376, -38.3205
Hunter-Lab	56.7364, -26.9939, 13.5058

Details

The YUV color **142.6950, -7.7376, -38.3205** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **124.3050, 7.7376, 38.3205**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.7550, -8.7532, -39.2501**, and **90.1510, -5.9904, -38.7204** is the 20% darker color. If you saturate the color by 10%, you get **136.4720, -9.5997, -47.7719**, and if you desaturate by 10%, it is **148.9180, -5.8756, -28.8691**.

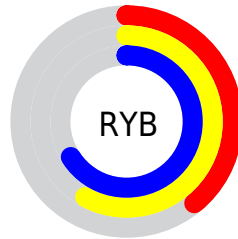
Distribution



Red (39%)

Green (66%)

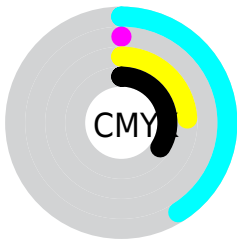
Blue (50%)



Red (39%)

Yellow (58%)

Blue (66%)

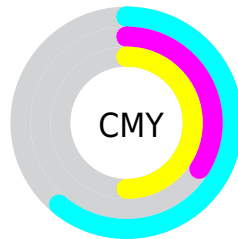


Cyan (41%)

Magenta (0%)

Yellow (24%)

Black (34%)



Cyan (61%)

Magenta (34%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.6950, -7.7376, -38.3205 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 142.6950, -7.7376, -38.3205 by changing the saturation by 10% instead.


 142.6950, -7.7376,
-38.3205

 142.6950, -7.7376,
-38.3205


255.0000, 0.0000,
0.0000

 116.2220, -7.0114,
-37.9057


 197.7550, -8.7532,
-39.2501


 90.1510, -5.9904,
-38.7204


 225.3420, -9.0426,
-39.7649


 63.8840, -4.3798,
-41.9943

 239.0800, -1.5184,
-26.3802

 42.5040, -4.6855,
-37.2760

 249.6180, 2.6533,
-11.0660

 27.1960, -7.4916,
-23.8509

 12.3270, -6.0772,
-10.8108

 0.0000, 0.0000,

0.0000

■ 142.6950, -7.7376,
-38.3205

■ 142.6950, -7.7376,
-38.3205

■ 136.4720, -9.5997,
-47.7719

■ 148.9180, -5.8756,
-28.8691

■ 130.2490,
-11.4618, -57.2234

■ 155.1410, -4.0135,
-19.4177

■ 124.3250,
-13.4712, -66.0600

■ 161.0650, -2.0040,
-10.5810

■ 118.1020,
-15.3333, -75.5115

■ 167.2880, -0.1420,
-1.1296

■ 111.8790,
-17.1953, -84.9629

■ 173.5110, 1.7201,
8.3219

■ 106.3680,
-18.9154, -93.2847

■ 179.7340, 3.5821,
17.7733

■ 185.9570, 5.4442,
27.2247

■ 191.8810, 7.4537,
36.0614

■ 198.1040, 9.3157,
45.5128

Harmonies

Analogous

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



147.5000, -21.9385, -10.0855



142.6950, -7.7376, -38.3205



134.8450, 11.4154, -68.2701

Triad

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



142.6950, -7.7376, -38.3205



150.6630, 31.2251, -28.6455



155.4270, -17.4655, 48.7375

Complementary

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



142.6950, -7.7376, -38.3205



124.3050, 7.7376, 38.3205

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.



156.7980, -3.3514, 48.4122



142.6950, -7.7376, -38.3205



156.8200, 23.2597, 6.2969

Square

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



142.6950, -7.7376, -38.3205



139.5290, 34.2492, -65.3619



158.0810, 10.8061, 34.1320



153.5320, -26.8843, 36.3674

Rectangle

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



142.6950, -7.7376, -38.3205



129.4650, 24.4208, -86.3538



158.0810, 10.8061, 34.1320



155.8770, -13.2504, 50.0969

Sweetspot

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



142.6950, -7.7376, -38.3205



209.5160, -2.7194, -14.4845



151.7620, -26.0117, -10.3153



104.1900, -1.5727, -8.9366



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



142.6950, -7.7376, -38.3205



179.7110, -12.1825, -59.3825



146.5710, 7.1135, -41.7198



81.0380, -1.0047, -4.4183



93.7160, -16.6220, -82.1889



12.6520, -2.2934, -11.0958

Inverse Universe

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



124.3050, 7.7376, 38.3205



151.2890, 12.1825, 59.3825



120.4290, -7.1135, 41.7198



78.9620, 1.0047, 4.4183



54.2840, 16.6220, 82.1889



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 142.6950, -7.7376, -38.3205 looks on a white background.

Color Contrast Check

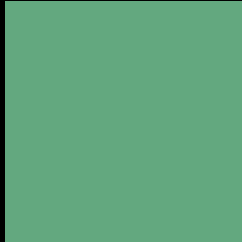
Large Text (above 18pt) WCAG AA × Fail

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 142.6950, -7.7376, -38.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

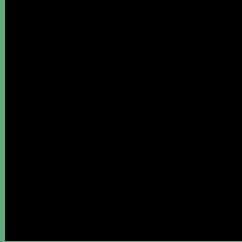
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 142.6950, -7.7376, -38.3205

Background



This preview shows how black text looks on a background with the YUV color 142.6950, -7.7376, -38.3205.



This preview shows how white text looks on a background with the YUV color 142.6950, -7.7376,

-38.3205.

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

142.6950, -7.7376, -38.3205

Protanopia

152.2280, -15.8884, 9.4470

Deuteranopia

153.5480, -11.1162, 18.8134



Tritanopia

147.9340, 13.3435, -33.2681

Trichromacy



Original Color

142.6950, -7.7376, -38.3205

Protanomaly

148.6280, -12.6346, -7.5668

Deuteranomaly

149.7580, -9.7407, -2.4188

Tritanomaly

145.9740, 5.9288, -35.0572

Monochromacy



Original Color

142.6950, -7.7376, -38.3205

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.8150, -2.8668, -13.8698

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.6950, -7.7376, -38.3205 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(99, 168, 127)` looks like.

```
.text, #text, p{  
    color:rgb(99, 168, 127)  
}
```

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(99, 168, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 168, 127) }
```

Border

The CSS property to change the border of an element to YUV 142.6950, -7.7376, -38.3205 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(99, 168, 127) }
```


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

```
.border{ border-color:rgb(99, 168, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 168, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 168, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 168, 127);  
box-shadow:4px 4px 4px 4px rgb(99, 168,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 142.6950, -7.7376, -38.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 168, 127) }
```

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

```
.background{ background-color: rgb(99, 168,  
127) }
```

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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