

Converting Colors

YUV(142.0750, -7.4320,
-43.0388)

Have a look what the booklet for
YUV(142.0750, -7.4320, -43.0388)
contains.

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Color

**YUV(142.0750, -7.4320,
-43.0388)**

Conversions

Conversions Part 1

Format	Color
Hex	5DAA7F
RGB	93, 170, 127
RGB Percent	36%, 67%, 50%
CMY	0.6353, 0.3333, 0.5020
CMYK	0.45, 0.00, 0.25, 0.33
HSL	146°, 31%, 52%
HSV	146°, 45%, 67%
XYZ	22.7197, 32.6089, 25.1754
YIQ	142.0750, -32.0890, -29.6970

Conversions

Conversions Part 2

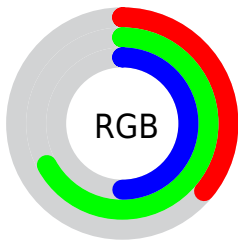
Format	Color
RYB	93, 146, 170
Decimal	6138495
CIELab	63.84, -33.84, 14.91
CIElCh	64, 36.981, 156.229
Yxy	32.6089, 0.2822, 0.4051
Android (android.graphics.Color)	4284328575 (0xFF5DAA7F)
YUV	142.0750, -7.4320, -43.0388
Hunter-Lab	57.1042, -28.9137, 13.8339

Details

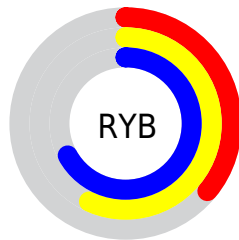
The YUV color **142.0750, -7.4320, -43.0388** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **120.9250, 7.4320, 43.0388**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1350, -8.4476, -43.9684**, and **88.9330, -5.3900, -44.6682** is the 20% darker color. If you saturate the color by 10%, you get **135.9660, -8.8572, -52.5902**, and if you desaturate by 10%, it is **148.1840, -6.0067, -33.4874**.

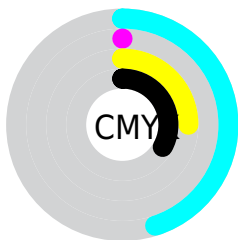
Distribution



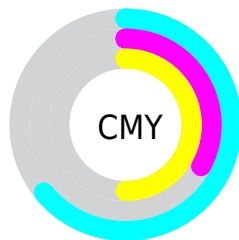
- Red (36%)
- Green (67%)
- Blue (50%)



- Red (36%)
- Yellow (57%)
- Blue (67%)



- Cyan (45%)
- Magenta (0%)
- Yellow (25%)
- Black (33%)



- Cyan (64%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.0750, -7.4320, -43.0388 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 142.0750, -7.4320, -43.0388 by changing the saturation by 10% instead.


 142.0750, -7.4320,
-43.0388


 142.0750, -7.4320,
-43.0388


255.0000, 0.0000,
0.0000

 115.3030, -6.5584,
-43.2387


 197.1350, -8.4476,
-43.9684


 88.9330, -5.3900,
-44.6682


 225.6080, -9.1737,
-44.3832


 60.2740, -2.6001,
-52.8603

 237.2860, -0.6340,
-30.0688

 43.6780, -5.2643,
-38.3056

 248.1230, 3.3904,
-14.1399

 27.6690, -8.2178,
-24.2657

 12.9140, -6.3666,
-11.3256

 0.0000, 0.0000,

0.0000

■ 142.0750, -7.4320,
-43.0388

■ 142.0750, -7.4320,
-43.0388

■ 135.9660, -8.8572,
-52.5902

■ 148.1840, -6.0067,
-33.4874

■ 129.7430,
-10.7193, -62.0416

■ 154.4070, -4.1447,
-24.0359

■ 123.6340,
-12.1446, -71.5930

■ 160.5160, -2.7194,
-14.4845

■ 117.4110,
-14.0066, -81.0444

■ 166.7390, -0.8573,
-5.0331

■ 111.3020,
-15.4319, -90.5959

■ 172.8480, 0.5679,
4.5183

■ 108.3400,
-16.4366, -95.0142

■ 179.0710, 2.4300,
13.9697

■ 185.1800, 3.8553,
23.5211

■ 191.4030, 5.7173,
32.9726

■ 197.5120, 7.1426,
42.5240

Harmonies

Analogous

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



147.7340, -23.5329, -12.0447



142.0750, -7.4320, -43.0388



131.2780, 14.6529, -80.0508

Triad

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



142.0750, -7.4320, -43.0388



151.6350, 33.7039, -30.3749



155.6940, -19.0761, 52.0114

Complementary

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



142.0750, -7.4320, -43.0388



120.9250, 7.4320, 43.0388

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.



157.8910, -4.3833, 52.7156



142.0750, -7.4320, -43.0388



158.1730, 24.5647, 7.7413

Square

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



142.0750, -7.4320, -43.0388



137.0980, 37.9127, -73.7539



159.2170, 11.2320, 37.5207



154.5600, -29.3631, 38.0969

Rectangle

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



142.0750, -7.4320, -43.0388



121.8260, 30.1588, -106.8414



159.2170, 11.2320, 37.5207



156.5570, -14.5716, 53.8855

Sweetspot

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



142.0750, -7.4320, -43.0388



210.7930, -2.8559, -17.3585



151.3550, -28.7690, -12.5893



105.1790, -1.5672, -10.6810



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



142.0750, -7.4320, -43.0388



178.4820, -11.5766, -67.0747



146.4070, 9.1663, -46.8379



81.0380, -1.0047, -4.4183



94.2860, -14.4380, -82.6888



12.7660, -1.8566, -11.1958

Inverse Universe

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



120.9250, 7.4320, 43.0388



145.5180, 11.5766, 67.0747



116.5930, -9.1663, 46.8379



78.8480, 0.5679, 4.5183



53.7140, 14.4380, 82.6888



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 142.0750, -7.4320, -43.0388 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 142.0750, -7.4320, -43.0388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

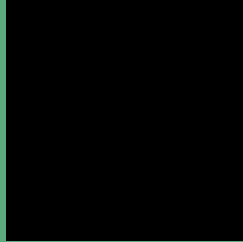
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 142.0750, -7.4320, -43.0388

Background



This preview shows how black text looks on a background with the YUV color 142.0750, -7.4320, -43.0388.



This preview shows how white text looks on a background with the YUV color 142.0750, -7.4320,

-43.0388.

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

142.0750, -7.4320, -43.0388

Protanopia

153.0000, -16.7620, 9.6470

Deuteranopia

154.8470, -11.2636, 19.4282



Tritanopia

147.2540, 14.6648, -37.0568

Trichromacy



Original Color

142.0750, -7.4320, -43.0388

Protanomaly

149.0900, -13.3554, -9.7259

Deuteranomaly

150.0460, -9.8827, -3.5483

Tritanomaly

145.7670, 6.5239, -39.2607

Monochromacy



Original Color

142.0750, -7.4320, -43.0388

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.9180, -2.4246, -15.7141

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0750, -7.4320, -43.0388 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(93, 170, 127)` looks like.

```
.text, #text, p{  
    color:rgb(93, 170, 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(93, 170, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 170, 127) }
```

Border

The CSS property to change the border of an element to YUV 142.0750, -7.4320, -43.0388 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(93, 170, 127) }
```


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

```
.border{ border-color:rgb(93, 170, 127) }
```

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

Here you see how a box with a 4 pixel rgb(93, 170, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 170, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 170, 127);  
box-shadow:4px 4px 4px 4px rgb(93, 170,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 142.0750, -7.4320, -43.0388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 170, 127) }
```

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

```
.background{ background-color: rgb(93, 170,  
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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