

Converting Colors

YUV(146.9900, 4.9349,
-42.9642)

Have a look what the booklet for
YUV(146.9900, 4.9349, -42.9642)
contains.

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Color

**YUV(146.9900, 4.9349,
-42.9642)**

Conversions

Conversions Part 1

Format	Color
Hex	62AA9D
RGB	98, 170, 157
RGB Percent	38%, 67%, 62%
CMY	0.6157, 0.3333, 0.3843
CMYK	0.42, 0.00, 0.08, 0.33
HSL	169°, 30%, 53%
HSV	169°, 42%, 67%
XYZ	25.4975, 33.7804, 37.0747
YIQ	146.9900, -38.7390, -19.3070

Conversions

Conversions Part 2

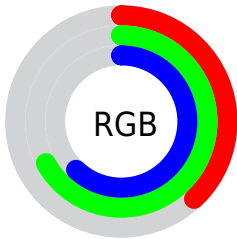
Format	Color
RYB	98, 138, 170
Decimal	6466205
CIELab	64.79, -25.75, -0.37
CIElCh	65, 25.756, 180.822
Yxy	33.7804, 0.2646, 0.3506
Android (android.graphics.Color)	4284656285 (0xFF62AA9D)
YUV	146.9900, 4.9349, -42.9642
Hunter-Lab	58.1209, -23.4041, 2.8642

Details

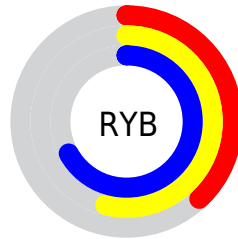
The YUV color **146.9900, 4.9349, -42.9642** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **121.0100, -4.9349, 42.9642**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1640, 4.3561, -43.9938**, and **93.9190, 5.9559, -43.7790** is the 20% darker color. If you saturate the color by 10%, you get **141.5650, 6.1305, -53.1155**, and if you desaturate by 10%, it is **152.4150, 3.7394, -32.8130**.

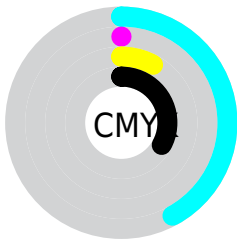
Distribution



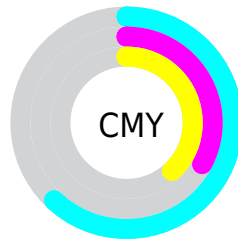
- Red (38%)
- Green (67%)
- Blue (62%)



- Red (38%)
- Yellow (54%)
- Blue (67%)



- Cyan (42%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.9900, 4.9349, -42.9642 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 146.9900, 4.9349, -42.9642 by changing the saturation by 10% instead.

■ 146.9900, 4.9349,
-42.9642

■ 146.9900, 4.9349,
-42.9642

■ 255.0000, 0.0000,
0.0000

■ 120.1040, 5.3717,
-43.0642

■ 202.1640, 4.3561,
-43.9938

■ 93.9190, 5.9559,
-43.7790

■ 230.2780, 4.7929,
-44.0938

■ 65.7440, 8.0142,
-50.6415

■ 241.2460, 6.7807,
-28.2797

■ 46.6420, 6.0925,
-40.9050

■ 249.9170, 2.5059,
-10.4512

■ 31.2200, 2.8495,
-27.3799

■ 17.0860, -0.5354,
-14.9844

■ 0.0000, 0.0000,

0.0000

■ 146.9900, 4.9349,
-42.9642

■ 146.9900, 4.9349,
-42.9642

■ 141.5650, 6.1305,
-53.1155

■ 152.4150, 3.7394,
-32.8130

■ 136.1400, 7.3260,
-63.2668

■ 157.8400, 2.5439,
-22.6617

■ 130.7150, 8.5215,
-73.4181

■ 163.2650, 1.3484,
-12.5104

■ 125.2900, 9.7170,
-83.5693

■ 168.6900, 0.1528,
-2.3591

■ 119.8650, 10.9126,
-93.7206

■ 174.1150, -1.0427,
7.7921

■ 115.6360, 11.5185,
-101.4128

■ 179.5400, -2.2382,
17.9434

■ 184.9650, -3.4337,
28.0947

■ 190.5040, -4.1925,
38.1460

■ 195.9290, -5.3880,
48.2973

Harmonies

Analogous

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



150.3700, -8.0704, -24.8805



146.9900, 4.9349, -42.9642



145.7360, 16.8922, -51.5115

Triad

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



146.9900, 4.9349, -42.9642



159.2340, 18.6186, 1.5488



157.7360, -19.5898, 30.0495

Complementary

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



146.9900, 4.9349, -42.9642



121.0100, -4.9349, 42.9642

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.



159.4410, -12.0494, 38.2012



146.9900, 4.9349, -42.9642



160.9610, 9.3862, 22.8362

Square

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



146.9900, 4.9349, -42.9642



155.0460, 23.6413, -22.8423



160.4760, -1.7137, 36.4165



155.9530, -22.1618, 14.9502

Rectangle

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



146.9900, 4.9349, -42.9642



147.4250, 21.9755, -48.6077



160.4760, -1.7137, 36.4165



158.5130, -18.0009, 33.7531

Sweetspot

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



146.9900, 4.9349, -42.9642



212.7590, 2.0908, -17.3286



144.1510, -22.7524, -29.0734



106.2760, 1.3429, -10.7661



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.



146.9900, 4.9349, -42.9642



185.8190, 7.4842, -67.3703



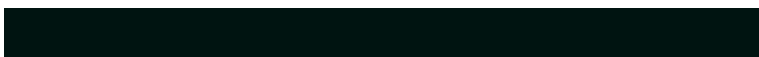
134.9710, 17.2693, -32.4236



81.4940, 0.7425, -4.8182



100.6700, 10.0227, -88.2876



13.6780, 1.6377, -11.9956

Inverse Universe

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



121.0100, -4.9349, 42.9642



145.0670, -7.9210, 67.4702



133.0290, -17.2693, 32.4236



78.5060, -0.7425, 4.8182



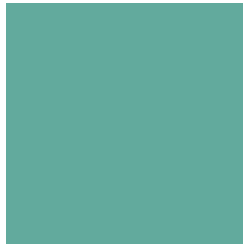
47.3300, -10.0227, 88.2876



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 146.9900, 4.9349, -42.9642 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 146.9900, 4.9349, -42.9642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

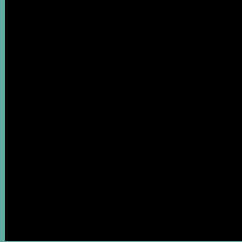
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.9900, 4.9349, -42.9642

Background



This preview shows how black text looks on a background with the YUV color 146.9900, 4.9349, -42.9642.

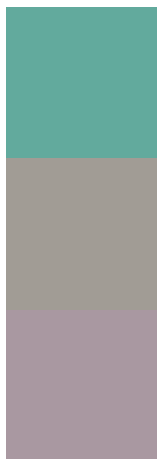


This preview shows how white text looks on a background with the YUV color 146.9900, 4.9349, -42.9642.

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

146.9900, 4.9349, -42.9642

Protanopia

156.6970, -3.7946, 3.7737

Deuteranopia

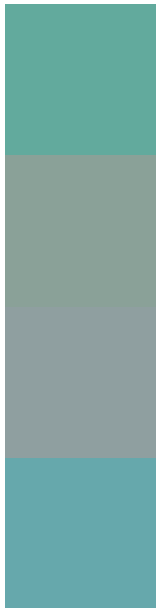
158.1090, 1.4253, 9.5514



Tritanopia

149.6450, 14.9650, -40.0307

Trichromacy



Original Color

146.9900, 4.9349, -42.9642

Protanomaly

153.0970, -0.5408, -13.2401

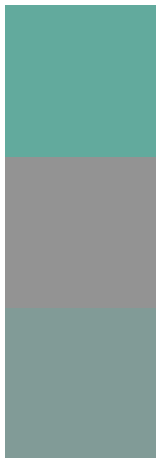
Deuteranomaly

154.3300, 2.7953, -9.9364

Tritanomaly

148.7220, 11.4761, -40.9752

Monochromacy



Original Color

146.9900, 4.9349, -42.9642

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7700, 2.0854, -15.5843

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.9900, 4.9349, -42.9642 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(98, 170, 157)` looks like.

```
.text, #text, p{  
    color:rgb(98, 170, 157)  
}
```

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(98, 170, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 170, 157) }
```

Border

The CSS property to change the border of an element to YUV 146.9900, 4.9349, -42.9642 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(98, 170, 157) }
```


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

```
.border{ border-color:rgb(98, 170, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 170, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 170, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 170, 157);  
box-shadow:4px 4px 4px 4px rgb(98, 170,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 146.9900, 4.9349, -42.9642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 170, 157) }
```

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

```
.background{ background-color: rgb(98, 170,  
157) }
```

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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