

Converting Colors

YUV(142.2400, -10.9643,
-30.0285)

Have a look what the booklet for
YUV(142.2400, -10.9643, -30.0285)
contains.

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Color

**YUV(142.2400, -10.9643,
-30.0285)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA478
RGB	108, 164, 120
RGB Percent	42%, 64%, 47%
CMY	0.5765, 0.3569, 0.5294
CMYK	0.34, 0.00, 0.27, 0.36
HSL	133°, 24%, 53%
HSV	133°, 34%, 64%
XYZ	22.8500, 31.0951, 22.5669
YIQ	142.2400, -19.2520, -25.5560

Conversions

Conversions Part 2

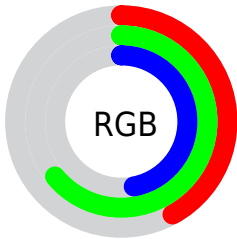
Format	Color
RYB	108, 154, 164
Decimal	7119992
CIELab	62.59, -27.84, 17.14
CIELCh	63, 32.694, 148.387
Yxy	31.0951, 0.2986, 0.4064
Android (android.graphics.Color)	4285310072 (0xFF6CA478)
YUV	142.2400, -10.9643, -30.0285
Hunter-Lab	55.7630, -24.4415, 15.0398

Details

The YUV color **142.2400, -10.9643, -30.0285** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **129.7600, 10.9643, 30.0285**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3000, -11.9799, -30.9581**, and **90.8810, -9.8013, -29.7136** is the 20% darker color. If you saturate the color by 10%, you get **135.9740, -14.2842, -38.5652**, and if you desaturate by 10%, it is **148.5060, -7.6445, -21.4918**.

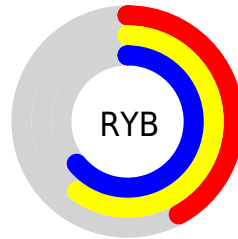
Distribution



Red (42%)

Green (64%)

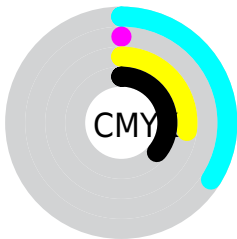
Blue (47%)



Red (42%)

Yellow (60%)

Blue (64%)

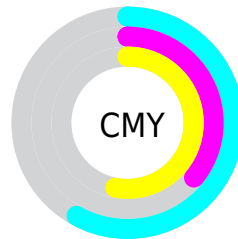


Cyan (34%)

Magenta (0%)

Yellow (27%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.2400, -10.9643, -30.0285 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 142.2400, -10.9643, -30.0285 by changing the saturation by 10% instead.

■ 142.2400,
-10.9643, -30.0285

■ 142.2400,
-10.9643, -30.0285

■ 255.0000, 0.0000,
0.0000

■ 115.7670,
-10.2381, -29.6137

■ 196.3000,
-11.9799, -30.9581

■ 90.8810, -9.8013,
-29.7136

■ 224.8870,
-12.2693, -31.4729

■ 66.1090, -8.9277,
-29.9136

■ 240.5600, -6.1921,
-20.6621

■ 40.6570, -6.7329,
-33.9022

■ 252.3090, 1.3267,
-5.5330

■ 24.2950, -10.9914,
-21.3067

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,

0.0000

■ 142.2400,
-10.9643, -30.0285

■ 142.2400,
-10.9643, -30.0285

■ 135.9740,
-14.2842, -38.5652

■ 148.5060, -7.6445,
-21.4918

■ 129.4090,
-17.4566, -47.7167

■ 155.0710, -4.4720,
-12.3403

■ 123.1430,
-20.7765, -56.2534

■ 161.3370, -1.1521,
-3.8035

■ 116.5780,
-23.9490, -65.4049

■ 167.9020, 2.0203,
5.3479

■ 110.4260,
-26.8320, -74.0416

■ 174.0540, 4.9034,
13.9846

■ 104.1600,
-30.1519, -82.5783

■ 180.3200, 8.2232,
22.5214

■ 100.2580,
-32.1722, -87.9263

■ 186.8850, 11.3957,
31.6729

■ 193.1510, 14.7156,
40.2096

■ 199.4170, 18.0354,
48.7463

Harmonies

Analogous

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



146.4900, -23.4126, -3.9377



142.2400, -10.9643, -30.0285



136.2440, 6.2887, -57.2190

Triad

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



142.2400, -10.9643, -30.0285



147.1030, 30.5152, -34.2933



153.3390, -13.9711, 47.9377

Complementary

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



142.2400, -10.9643, -30.0285



129.7600, 10.9643, 30.0285

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.



154.5740, -0.2830, 44.2236



142.2400, -10.9643, -30.0285



153.3030, 24.0076, -0.2657

Square

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



142.2400, -10.9643, -30.0285



135.8340, 31.6338, -66.5064



155.9060, 12.8643, 27.2694



151.6400, -23.9795, 38.0267

Rectangle

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



142.2400, -10.9643, -30.0285



131.6470, 18.4150, -73.3584



155.9060, 12.8643, 27.2694



154.0770, -9.8980, 48.1675

Sweetspot

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



142.2400, -10.9643, -30.0285



205.7830, -4.3300, -11.2107



154.3270, -22.8392, -1.1638



101.9730, -2.4517, -6.9923



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



142.2400, -10.9643, -30.0285



179.8220, -17.1672, -47.2019



145.3180, 0.8292, -32.7279



78.5110, -1.7309, -4.8331



88.6490, -28.4210, -77.7452



11.0220, -3.4618, -9.6663

Inverse Universe

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



129.7600, 10.9643, 30.0285



160.1780, 17.1672, 47.2019



126.6820, -0.8292, 32.7279



76.4890, 1.7309, 4.8331



56.3510, 28.4210, 77.7452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 142.2400, -10.9643, -30.0285 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 142.2400, -10.9643, -30.0285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

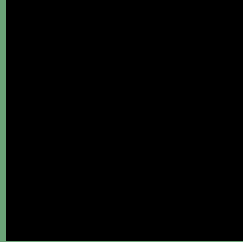
Any Text WCAG AA ✓ Pass

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 142.2400, -10.9643, -30.0285 Background



This preview shows how black text looks on a background with the YUV color 142.2400, -10.9643, -30.0285.



This preview shows how white text looks on a background with the YUV color 142.2400, -10.9643, -30.0285.

-30.0285.

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

142.2400, -10.9643, -30.0285

Protanopia

149.7720, -17.6356, 9.8470

Deuteranopia

151.5760, -13.5950, 20.5428



Tritanopia

146.8210, 11.4272, -25.2760

Trichromacy



Original Color

142.2400, -10.9643, -30.0285

Protanomaly

147.2540, -15.4082, -4.6078

Deuteranomaly

148.3950, -12.5197, 2.2846

Tritanomaly

145.3340, 3.2863, -27.4799

Monochromacy



Original Color

142.2400, -10.9643, -30.0285

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.1960, -4.0406, -10.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2400, -10.9643, -30.0285 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(108, 164, 120)` looks like.

```
.text, #text, p{  
    color:rgb(108, 164, 120)  
}
```

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(108, 164, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 164, 120) }
```

Border

The CSS property to change the border of an element to YUV 142.2400, -10.9643, -30.0285 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(108, 164, 120) }
```


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

```
.border{ border-color:rgb(108, 164, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 164, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 164, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 164, 120);  
box-shadow:4px 4px 4px 4px rgb(108, 164,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 142.2400, -10.9643, -30.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 164, 120) }
```

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

```
.background{ background-color: rgb(108,  
164, 120) }
```

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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