

# Converting Colors

YUV(142.3360, -3.1236,  
-24.8507)

Have a look what the booklet for  
YUV(142.3360, -3.1236, -24.8507)  
contains.

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# Color

**YUV(142.3360, -3.1236,  
-24.8507)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	729E88
RGB	114, 158, 136
RGB Percent	45%, 62%, 53%
CMY	0.5529, 0.3804, 0.4667
CMYK	0.28, 0.00, 0.14, 0.38
HSL	150°, 18%, 53%
HSV	150°, 28%, 62%
XYZ	23.6102, 29.8087, 27.8018
YIQ	142.3360, -19.1620, -16.1700

# Conversions

## Conversions Part 2

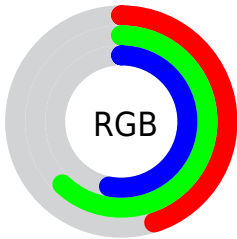
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 143, 158
Decimal	7511688
CIELab	61.49, -19.69, 6.72
CIELCh	61, 20.809, 161.162
Yxy	29.8087, 0.2907, 0.3670
Android (android.graphics.Color)	4285701768 (0xFF729E88)
YUV	142.3360, -3.1236, -24.8507
Hunter-Lab	54.5973, -18.3543, 8.0268

# Details

The YUV color **142.3360, -3.1236, -24.8507** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **129.6640, 3.1236, 24.8507**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5100, -3.7024, -25.8803**, and **91.1620, -2.5449, -23.8211** is the 20% darker color. If you saturate the color by 10%, you get **136.6400, -4.2595, -33.8873**, and if you desaturate by 10%, it is **148.0320, -1.9878, -15.8141**.

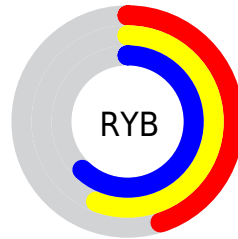
# Distribution



Red (45%)

Green (62%)

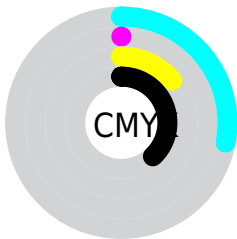
Blue (53%)



Red (45%)

Yellow (56%)

Blue (62%)

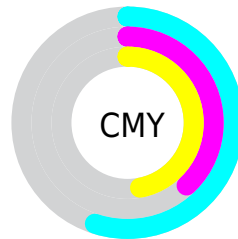


Cyan (28%)

Magenta (0%)

Yellow (14%)

Black (38%)



Cyan (55%)

Magenta (38%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 142.3360, -3.1236, -24.8507 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 142.3360, -3.1236, -24.8507 by changing the saturation by 10% instead.




 142.3360, -3.1236,  
-24.8507


 142.3360, -3.1236,  
-24.8507


255.0000, 0.0000,  
0.0000


 116.7490, -2.8343,  
-24.3359


 196.5100, -3.7024,  
-25.8803

 91.1620, -2.5449,  
-23.8211


 224.2110, -3.5550,  
-26.4950


 67.5750, -2.2555,  
-23.3063

 244.4060, 0.7858,  
-18.7731

 44.0910, -1.5239,  
-24.6358

 253.8040, 0.5896,  
-2.4591

 24.1130, -1.5347,  
-21.1471

 5.8700, -2.8939,  
-5.1480

 0.0000, 0.0000,

0.0000

■ 142.3360, -3.1236,  
-24.8507

■ 142.3360, -3.1236,  
-24.8507

■ 136.6400, -4.2595,  
-33.8873

■ 148.0320, -1.9878,  
-15.8141

■ 130.9440, -5.3954,  
-42.9239

■ 153.7280, -0.8519,  
-6.7775

■ 125.5470, -6.6787,  
-51.3457

■ 159.1250, 0.4314,  
1.6444

■ 119.8510, -7.8145,  
-60.3823

■ 164.8210, 1.5672,  
10.6810

■ 114.2690, -8.5136,  
-69.5189

■ 170.5170, 2.7031,  
19.7176

■ 108.5730, -9.6495,  
-78.5555

■ 176.0990, 3.4022,  
28.8542

■ 102.8770,  
-10.7854, -87.5921

■ 181.7950, 4.5381,  
37.8908

■ 101.7520,  
-11.2167, -89.2365

■ 187.1920, 5.8213,  
46.3126

■ 192.5890, 7.1046,  
54.7344

# Harmonies

## Analogous

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



144.7310, -12.1924, -9.4111



142.3360, -3.1236, -24.8507



140.6040, 7.0972, -36.4867

# Triad

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



142.3360, -3.1236, -24.8507



148.5160, 17.4936, -10.9765



150.2720, -12.4591, 29.5795

# Complementary

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



142.3360, -3.1236, -24.8507



129.6640, 3.1236, 24.8507

# 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.



151.0470, -4.4602, 30.6538



142.3360, -3.1236, -24.8507



150.6710, 12.4872, 8.1815

# Square

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



142.3360, -3.1236, -24.8507



144.7480, 18.8582, -28.7200



151.9950, 4.4395, 22.8064



148.6640, -17.0894, 21.3427



# Rectangle

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



142.3360, -3.1236, -24.8507



140.4880, 13.0704, -39.0160



151.9950, 4.4395, 22.8064



150.8530, -10.2805, 30.8239

# Sweetspot

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



142.3360, -3.1236, -24.8507



200.8910, -1.4253, -9.5514



146.4060, -15.9762, -9.1261



101.0270, -0.9993, -6.1627



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



142.3360, -3.1236, -24.8507



182.3790, -5.1168, -38.9204



144.8440, 6.4859, -27.0502



76.1520, -0.5679, -4.5183



92.0350, -10.3703, -80.7147



9.7170, -0.8465, -8.5218



# Inverse Universe

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



129.6640, 3.1236, 24.8507



162.5070, 4.6800, 39.0204



127.1560, -6.4859, 27.0502



73.8480, 0.5679, 4.5183



50.8510, 9.9335, 80.8147



5.3970, 1.2833, 8.4218



# Previews

## White Background



This preview shows how the YUV color 142.3360, -3.1236, -24.8507 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

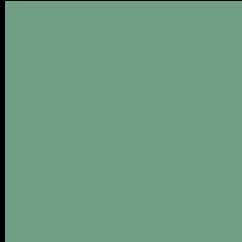
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 142.3360, -3.1236, -24.8507 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

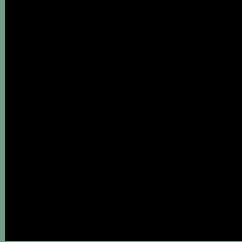
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 142.3360, -3.1236, -24.8507

## Background



This preview shows how black text looks on a background with the YUV color 142.3360, -3.1236, -24.8507.



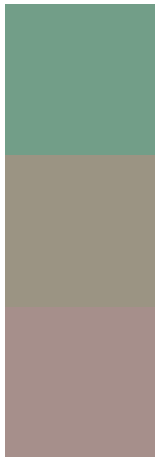
This preview shows how white text looks on a background with the YUV color 142.3360, -3.1236, -24.8507.



# 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

142.3360, -3.1236, -24.8507

### Protanopia

148.1550, -8.4574, 6.0031

### Deuteranopia

149.4210, -5.1376, 14.5398



## Tritanopia

145.2020, 10.2534, -22.1022

# Trichromacy



## Original Color

142.3360, -3.1236, -24.8507

## Protanomaly

146.2460, -6.5303, -5.4777

## Deuteranomaly

146.5610, -4.2206, 0.3850

## Tritanomaly

143.9370, 5.4541, -22.7467

# Monochromacy



## Original Color

142.3360, -3.1236, -24.8507

## Achromatopsia

142.0000, 0.0000, 0.0000

## Achromatomaly

142.3040, -1.1359, -9.0366

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.3360, -3.1236, -24.8507 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(114, 158, 136)` looks like.

```
.text, #text, p{  
    color:rgb(114, 158, 136)  
}
```

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(114, 158, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 158, 136) }
```

## Border

The CSS property to change the border of an element to YUV 142.3360, -3.1236, -24.8507 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(114, 158, 136) }
```



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

```
.border{ border-color:rgb(114, 158, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 158, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 158, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 158, 136);  
box-shadow:4px 4px 4px 4px rgb(114, 158,  
136) }
```

# Background

The CSS property to change the background color of an element to YUV 142.3360, -3.1236, -24.8507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 158, 136) }
```

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

```
.background{ background-color: rgb(114,  
158, 136) }
```

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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