

Converting Colors

YUV(137.3650, 9.6801,
-24.8761)

Have a look what the booklet for
YUV(137.3650, 9.6801, -24.8761)
contains.

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Color

**YUV(137.3650, 9.6801,
-24.8761)**

Conversions

Conversions Part 1

Format	Color
Hex	6D949D
RGB	109, 148, 157
RGB Percent	43%, 58%, 62%
CMY	0.5725, 0.4196, 0.3843
CMYK	0.31, 0.06, 0.00, 0.38
HSL	191°, 20%, 52%
HSV	191°, 31%, 62%
XYZ	22.9824, 26.8653, 35.8725
YIQ	137.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

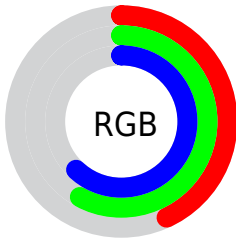
Format	Color
RYB	109, 131, 157
Decimal	7181469
CIELab	58.85, -11.13, -9.08
CIElCh	59, 14.364, 219.217
Yxy	26.8653, 0.2681, 0.3134
Android (android.graphics.Color)	4285371549 (0xFF6D949D)
YUV	137.3650, 9.6801, -24.8761
Hunter-Lab	51.8318, -11.5581, -4.7521

Details

The YUV color $[137.3650, 9.6801, -24.8761]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[128.6350, -9.6801, 24.8761]$, and the grayscale version is $[137.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[191.1800, 10.2643, -25.5909]$, and $[86.6640, 9.5326, -24.2613]$ is the 20% darker color. If you saturate the color by 10%, you get $[130.8200, 12.9067, -33.1681]$, and if you desaturate by 10%, it is $[143.9100, 6.4534, -16.5841]$.

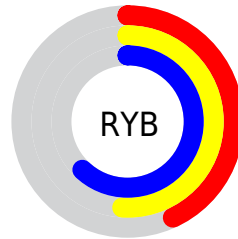
Distribution



Red (43%)

Green (58%)

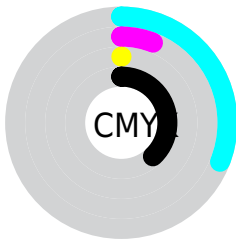
Blue (62%)



Red (43%)

Yellow (51%)

Blue (62%)

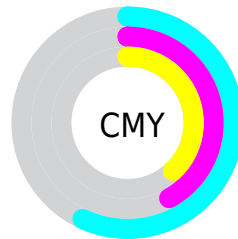


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3650, 9.6801, -24.8761 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 137.3650, 9.6801, -24.8761 by changing the saturation by 10% instead.

■ 137.3650, 9.6801,
-24.8761

■ 137.3650, 9.6801,
-24.8761

■ 255.0000, 0.0000,
0.0000

■ 111.6640, 9.5326,
-24.2613

■ 191.1800, 10.2643,
-25.5909

■ 86.6640, 9.5326,
-24.2613

■ 218.8810, 10.4117,
-26.2056

■ 62.3650, 9.6801,
-24.8761

■ 243.9370, 5.4541,
-22.7467

■ 38.7560, 9.9803,
-27.8500

■ 252.3090, 1.3267,
-5.5330

■ 21.8280, 7.4798,
-19.1432

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 137.3650, 9.6801,
-24.8761

■ 137.3650, 9.6801,
-24.8761

■ 130.8200, 12.9067,
-33.1681

■ 143.9100, 6.4534,
-16.5841

■ 124.5740, 15.9860,
-40.8454

■ 150.1560, 3.3741,
-8.9068

■ 118.0290, 19.2127,
-49.1374

■ 156.7010, 0.1474,
-0.6148

■ 111.4840, 22.4394,
-57.4295

■ 163.2460, -3.0793,
7.6773

■ 104.9390, 25.6661,
-65.7215

■ 169.7910, -6.3060,
15.9693

■ 98.6930, 28.7454,
-73.3988

■ 176.0370, -9.3852,
23.6466

■ 93.0340, 31.5352,
-81.5908

■ 182.5820,
-12.6119, 31.9386

■ 189.1270,
-15.8386, 40.2306

■ 194.7860,
-18.6285, 48.4227

Harmonies

Analogous

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



136.8830, 4.0017, -23.5764



137.3650, 9.6801, -24.8761



139.2070, 12.7159, -18.5985

Triad

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



137.3650, 9.6801, -24.8761



144.0110, 3.4456, 14.8994



140.9440, -11.8044, 6.1881

Complementary

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



137.3650, 9.6801, -24.8761



128.6350, -9.6801, 24.8761

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.



142.2980, -11.9789, 15.5247



137.3650, 9.6801, -24.8761



144.0350, -2.9753, 21.0173

Square

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



137.3650, 9.6801, -24.8761



143.3240, 8.7143, 4.9779



142.9550, -8.3588, 21.0875



139.3770, -8.5669, -5.5926

Rectangle

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



137.3650, 9.6801, -24.8761



140.8380, 12.4049, -12.1359



142.9550, -8.3588, 21.0875



141.5530, -12.1046, 9.1620

Sweetspot

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



137.3650, 9.6801, -24.8761



196.8570, 3.5215, -9.5216



138.2020, -9.9596, -25.6102



97.5370, 2.2003, -5.7329



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



137.3650, 9.6801, -24.8761



173.3570, 15.1070, -38.9011



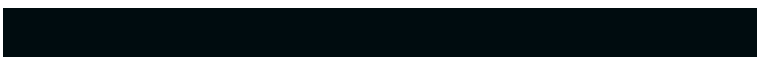
123.2770, 16.6254, -12.5209



76.0210, 1.4686, -4.4034



84.3940, 28.8928, -74.0135



8.7540, 3.0793, -7.6773

Inverse Universe

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



127.7980, 9.9596, 25.6102



158.3790, 15.5892, 40.0096



142.7230, -16.6254, 12.5209



74.1900, 1.8783, 4.2184



55.9810, 29.5894, 76.3157



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 137.3650, 9.6801, -24.8761 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 137.3650, 9.6801, -24.8761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

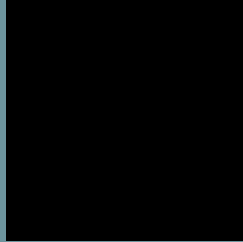
Any Text WCAG AA ✓ Pass

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 137.3650, 9.6801, -24.8761 Background



This preview shows how black text looks on a background with the YUV color 137.3650, 9.6801, -24.8761.

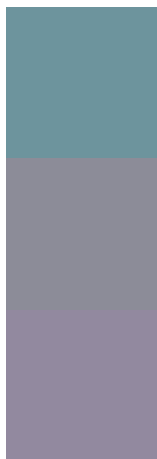


This preview shows how white text looks on a background with the YUV color 137.3650, 9.6801,

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

137.3650, 9.6801, -24.8761

Protanopia

141.3680, 5.2416, -1.1997

Deuteranopia

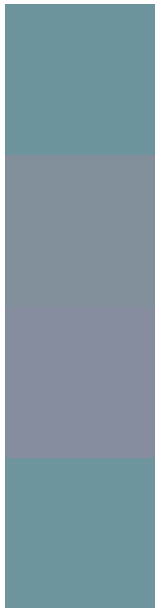
142.1990, 8.2829, 3.3335



Tritanopia

137.8920, 10.4062, -24.4613

Trichromacy



Original Color

137.3650, 9.6801, -24.8761

Protanomaly

140.0680, 6.8685, -9.7066

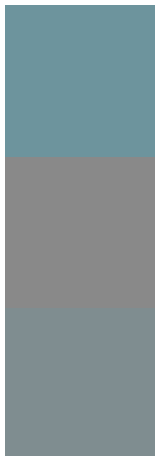
Deuteranomaly

140.5460, 8.6048, -6.6178

Tritanomaly

137.7780, 9.9694, -24.3613

Monochromacy



Original Color

137.3650, 9.6801, -24.8761

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1560, 3.3741, -8.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3650, 9.6801, -24.8761 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(109, 148, 157)` looks like.

```
.text, #text, p{  
    color:rgb(109, 148, 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(109, 148, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 148, 157) }
```

Border

The CSS property to change the border of an element to YUV 137.3650, 9.6801, -24.8761 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(109, 148, 157) }
```


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

```
.border{ border-color:rgb(109, 148, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 148, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 148, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 148, 157);  
box-shadow:4px 4px 4px 4px rgb(109, 148,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 137.3650, 9.6801, -24.8761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 148, 157) }
```

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

```
.background{ background-color: rgb(109,  
148, 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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