

Converting Colors

YUV(130.8630, -2.3975,
-24.4359)

Have a look what the booklet for
YUV(130.8630, -2.3975, -24.4359)
contains.

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Color

**YUV(130.8630, -2.3975,
-24.4359)**

Conversions

Conversions Part 1

Format	Color
Hex	67927E
RGB	103, 146, 126
RGB Percent	40%, 57%, 49%
CMY	0.5961, 0.4275, 0.5059
CMYK	0.29, 0.00, 0.14, 0.43
HSL	152°, 17%, 49%
HSV	152°, 29%, 57%
XYZ	19.6383, 24.9477, 23.5190
YIQ	130.8630, -19.2080, -15.3360

Conversions

Conversions Part 2

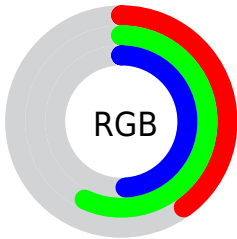
Format	Color
R_{YB}	103, 131, 146
Decimal	6787710
CIE _{Lab}	57.02, -19.17, 5.90
CIE _{LCh}	57, 20.058, 162.882
Yxy	24.9477, 0.2884, 0.3663
Android (android.graphics.Color)	4284977790 (0xFF67927E)
YUV	130.8630, -2.3975, -24.4359
Hunter-Lab	49.9477, -17.2262, 7.0453

Details

The YUV color $130.8630, -2.3975, -24.4359$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $118.1370, 2.3975, 24.4359$, and the grayscale version is $131.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $184.1510, -2.5394, -25.5654$, and $80.6890, -1.8187, -23.4063$ is the 20% darker color. If you saturate the color by 10%, you get $125.5800, -3.2439, -32.9577$, and if you desaturate by 10%, it is $136.1460, -1.5510, -15.9140$.

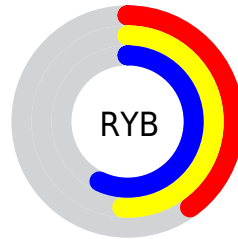
Distribution



Red (40%)

Green (57%)

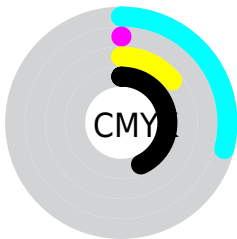
Blue (49%)



Red (40%)

Yellow (51%)

Blue (57%)

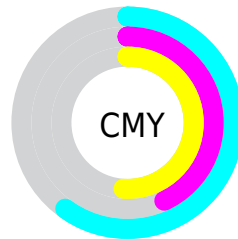


Cyan (29%)

Magenta (0%)

Yellow (14%)

Black (43%)



Cyan (60%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.8630, -2.3975, -24.4359 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 130.8630, -2.3975, -24.4359 by changing the saturation by 10% instead.

■ 130.8630, -2.3975,
-24.4359

■ 130.8630, -2.3975,
-24.4359

■ 255.0000, 0.0000,
0.0000

■ 105.2760, -2.1081,
-23.9211

■ 184.1510, -2.5394,
-25.5654

■ 80.6890, -1.8187,
-23.4063

■ 211.7380, -2.8288,
-26.0802

■ 56.8030, -1.3819,
-23.5062

■ 239.1510, -2.5394,
-25.5654

■ 34.0200, -0.5029,
-25.4505

■ 250.2160, 2.3585,
-9.8364

■ 18.1630, -4.0244,
-15.9290

■ 0.0000, 0.0000,
0.0000

■ 130.8630, -2.3975,
-24.4359

■ 130.8630, -2.3975,
-24.4359

■ 125.5800, -3.2439,
-32.9577

■ 136.1460, -1.5510,
-15.9140

■ 120.5960, -4.2378,
-40.8647

■ 141.1300, -0.5571,
-8.0070

■ 115.4270, -4.6475,
-49.4865

■ 146.2990, -0.1474,
0.6148

■ 110.4430, -5.6414,
-57.3935

■ 151.2830, 0.8465,
8.5218

■ 105.1600, -6.4879,
-65.9153

■ 156.5660, 1.6930,
17.0436

■ 99.8770, -7.3344,
-74.4371

■ 161.8490, 2.5394,
25.5654

■ 94.8930, -8.3282,
-82.3442

■ 166.8330, 3.5333,
33.4725

■ 94.5940, -8.1808,

■ 172.0020, 3.9430,

-82.9589

42.0942

■ 176.9860, 4.9369,
50.0013

Harmonies

Analogous

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



133.0730, -10.8820, -9.7110



130.8630, -2.3975, -24.4359



129.3160, 7.2392, -35.3571

Triad

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



130.8630, -2.3975, -24.4359



137.0000, 16.7620, -9.6470



138.3750, -12.0169, 27.7351

Complementary

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



130.8630, -2.3975, -24.4359



118.1370, 2.3975, 24.4359

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.



139.3350, -4.6022, 29.5242



130.8630, -2.3975, -24.4359



139.4430, 11.6136, 8.3815

Square

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



130.8630, -2.3975, -24.4359



132.9440, 18.2686, -26.2609



139.5820, 4.1501, 22.2916



136.8810, -16.2103, 19.3984

Rectangle

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



130.8630, -2.3975, -24.4359



129.3850, 12.6282, -37.1716



139.5820, 4.1501, 22.2916



138.9560, -9.8383, 28.9796

Sweetspot

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



130.8630, -2.3975, -24.4359



183.0050, -0.9885, -9.6514



134.2210, -15.3920, -9.8408



90.5540, -0.2731, -5.7479



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



130.8630, -2.3975, -24.4359



165.7320, -3.8119, -37.4760



132.5560, 6.6279, -25.9206



71.5650, -0.2785, -4.0035



89.4420, -7.6129, -78.4406



6.4400, -0.7099, -5.6479

Inverse Universe

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



118.1370, 2.3975, 24.4359



146.1540, 3.3751, 37.5759



116.4440, -6.6279, 25.9206



69.4350, 0.2785, 4.0035



48.5580, 7.6129, 78.4406



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 130.8630, -2.3975, -24.4359 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 130.8630, -2.3975, -24.4359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

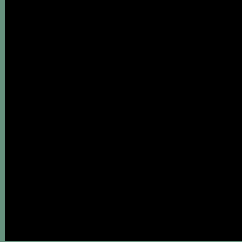
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.8630, -2.3975, -24.4359

Background



This preview shows how black text looks on a background with the YUV color 130.8630, -2.3975, -24.4359.



This preview shows how white text looks on a background with the YUV color 130.8630, -2.3975, -24.4359.

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

130.8630, -2.3975, -24.4359

Protanopia

136.0840, -7.4364, 5.1883

Deuteranopia

137.6380, -4.2585, 12.5955



Tritanopia

133.3870, 9.6692, -21.3874

Trichromacy



Original Color

130.8630, -2.3975, -24.4359

Protanomaly

134.4740, -5.6567, -5.6777

Deuteranomaly

135.0770, -3.4890, -0.9445

Tritanomaly

132.2360, 5.3067, -22.1320

Monochromacy



Original Color

130.8630, -2.3975, -24.4359

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.7170, -0.8465, -8.5218

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.8630, -2.3975, -24.4359 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(103, 146, 126)` looks like.

```
.text, #text, p{  
    color:rgb(103, 146, 126)  
}
```

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(103, 146, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 146, 126) }
```

Border

The CSS property to change the border of an element to YUV 130.8630, -2.3975, -24.4359 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(103, 146, 126) }
```


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

```
.border{ border-color:rgb(103, 146, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 146, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 146, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 146, 126);  
box-shadow:4px 4px 4px 4px rgb(103, 146,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 130.8630, -2.3975, -24.4359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 146, 126) }
```

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

```
.background{ background-color: rgb(103,  
146, 126) }
```

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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