

Converting Colors

YUV(98.4030, 12.1263,
-16.1394)

Have a look what the booklet for
YUV(98.4030, 12.1263, -16.1394)
contains.

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Color

**YUV(98.4030, 12.1263,
-16.1394)**

Conversions

Conversions Part 1

Format	Color
Hex	50677B
RGB	80, 103, 123
RGB Percent	31%, 40%, 48%
CMY	0.6863, 0.5961, 0.5176
CMYK	0.35, 0.16, 0.00, 0.52
HSL	208°, 21%, 40%
HSV	208°, 35%, 48%
XYZ	11.7337, 12.8360, 20.5981
YIQ	98.4030, -20.1280, 1.3440

Conversions

Conversions Part 2

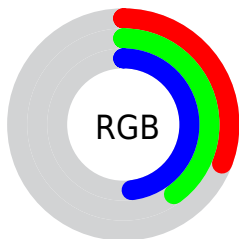
Format	Color
RYB	80, 95, 123
Decimal	5269371
CIELab	42.52, -3.26, -13.92
CIELCh	43, 14.299, 256.833
Yxy	12.8360, 0.2598, 0.2842
Android (android.graphics.Color)	4283459451 (0xFF50677B)
YUV	98.4030, 12.1263, -16.1394
Hunter-Lab	35.8274, -4.2383, -9.0081




Details

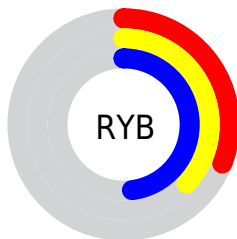
The YUV color $98.4030, 12.1263, -16.1394$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $104.5970, -12.1263, 16.1394$, and the grayscale version is $98.0000, 0.0000, 0.0000$.




A 20% lighter version of the original color is $149.5170, 12.5631, -16.2394$, and $50.8760, 11.4001, -16.5543$ is the 20% darker color. If you saturate the color by 10%, you get $91.2930, 15.6316, -20.4280$, and if you desaturate by 10%, it is $105.5130, 8.6211, -11.8509$.

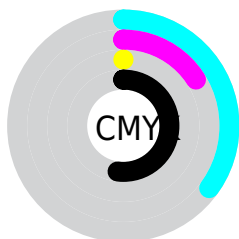
Distribution







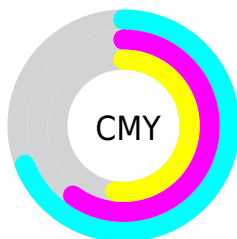
-  Red (31%)
-  Green (40%)
-  Blue (48%)






-  Red (31%)
-  Yellow (37%)
-  Blue (48%)



-  Cyan (35%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (69%)
-  Magenta (60%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4030, 12.1263, -16.1394 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 98.4030, 12.1263, -16.1394 by changing the saturation by 10% instead.

■ 98.4030, 12.1263,
-16.1394

■ 98.4030, 12.1263,
-16.1394

■ 255.0000, 0.0000,
0.0000

■ 74.2890, 11.6895,
-16.0395

■ 149.5170, 12.5631,
-16.2394

■ 50.8760, 11.4001,
-16.5543

■ 176.3320, 13.1473,
-16.9542

■ 28.8650, 11.4056,
-18.2986

■ 203.4460, 13.5841,
-17.0541

■ 11.1650, 9.7787,
-9.7917

■ 231.5770, 11.5475,
-17.1690

■ 0.2280, 0.8736,
-0.2000

■ 250.8140, 2.0637,
-8.6069

■ 0.0000, 0.0000,
0.0000

■ 98.4030, 12.1263,
-16.1394

■ 98.4030, 12.1263,
-16.1394

■ 91.2930, 15.6316,
-20.4280

■ 105.5130, 8.6211,
-11.8509

■ 84.4710, 18.9948,
-25.8461

■ 112.3350, 5.2578,
-6.4328

■ 77.3610, 22.5000,
-30.1346

■ 119.4450, 1.7526,
-2.1443

■ 70.2510, 26.0053,
-34.4231

■ 126.5550, -1.7526,
2.1443

■ 62.8420, 29.6579,
-39.3264

■ 133.9640, -5.4053,
7.0476

■ 56.3190, 32.8737,
-44.1298


■ 140.4870, -8.6211,
11.8509

■ 52.7640, 34.6263,
-46.2740

■ 147.5970,
-12.1263, 16.1394

■ 154.7070,

-15.6316, 20.4280

 161.5290,
-18.9948, 25.8461

Harmonies

Analogous

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



96.1910, 10.2588, -23.8465



98.4030, 12.1263, -16.1394



100.8390, 10.9254, -4.2438

Triad

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



98.4030, 12.1263, -16.1394



102.0950, -3.9908, 20.0877



97.8220, -6.8142, -7.7369

Complementary

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



98.4030, 12.1263, -16.1394



104.5970, -12.1263, 16.1394

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.



99.2640, -10.4832, 2.3995



98.4030, 12.1263, -16.1394



101.2320, -8.4954, 18.2135

Square

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



98.4030, 12.1263, -16.1394



102.8540, 1.5510, 15.9140



100.5040, -11.0945, 11.8360



96.3630, -0.6720, -17.8584

Rectangle

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



98.4030, 12.1263, -16.1394



101.6120, 8.5723, 3.8483



100.5040, -11.0945, 11.8360



98.0890, -8.4249, -4.4631

Sweetspot

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



98.4030, 12.1263, -16.1394



151.5200, 4.6736, -5.7180



107.4070, -4.1447, -24.0359



76.0750, 2.9210, -3.5738



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



98.4030, 12.1263, -16.1394



121.8840, 19.2842, -25.3313



86.0760, 18.2035, -5.3287



57.4450, 1.7526, -2.1443



53.5790, 35.2106, -46.9888



107.9730, 71.0053, -94.6923

Inverse Universe

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



95.4790, 3.7079, 24.1359



117.4360, 5.7011, 38.2056



116.9240, -18.2035, 5.3287



57.1360, 0.4260, 3.3887



45.0130, 10.8396, 70.1486



90.7380, 21.8212, 141.4268

Previews

White Background



This preview shows how the YUV color 98.4030, 12.1263, -16.1394 looks on a white 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

Black Background



This preview shows how the YUV color 98.4030, 12.1263, -16.1394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

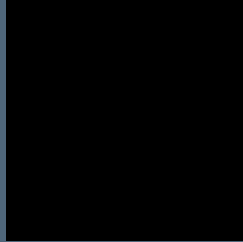
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

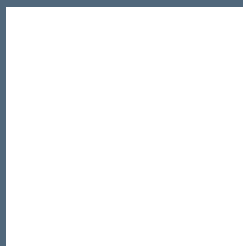
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 98.4030, 12.1263, -16.1394

Background



This preview shows how black text looks on a background with the YUV color 98.4030, 12.1263, -16.1394.



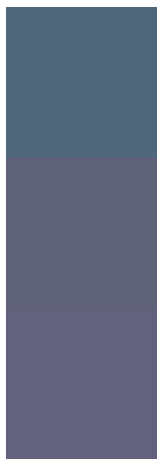
This preview shows how white text looks on a background with the YUV color 98.4030, 12.1263, -16.1394.

-16.1394.

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

98.4030, 12.1263, -16.1394

Protanopia

100.4970, 9.6150, -3.9439

Deuteranopia

100.9640, 11.3567, -2.5994



Tritanopia

97.8390, 7.4744, -17.3988

Trichromacy



Original Color

98.4030, 12.1263, -16.1394

Protanomaly

99.4040, 10.6468, -8.2473

Deuteranomaly

100.0450, 11.8098, -7.9325

Tritanomaly

98.0070, 9.3635, -16.6691

Monochromacy



Original Color

98.4030, 12.1263, -16.1394

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1070, 4.3842, -6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4030, 12.1263, -16.1394 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(80, 103, 123)` looks like.

```
.text, #text, p{  
    color:rgb(80, 103, 123)  
}
```

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(80, 103, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 103, 123) }
```

Border

The CSS property to change the border of an element to YUV 98.4030, 12.1263, -16.1394 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(80, 103, 123) }
```


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

```
.border{ border-color:rgb(80, 103, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 103, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 103, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 103, 123);  
box-shadow:4px 4px 4px 4px rgb(80, 103,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 98.4030, 12.1263, -16.1394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 103, 123) }
```

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

```
.background{ background-color: rgb(80, 103,  
123) }
```

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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