

Converting Colors

YUV(98.6080, -2.2717, -18.0732)

Have a look what the booklet for
YUV(98.6080, -2.2717, -18.0732)
contains.

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Color

**YUV(98.6080, -2.2717,
-18.0732)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6E5E
RGB	78, 110, 94
RGB Percent	31%, 43%, 37%
CMY	0.6941, 0.5686, 0.6314
CMYK	0.29, 0.00, 0.15, 0.57
HSL	150°, 17%, 37%
HSV	150°, 29%, 43%
XYZ	10.7382, 13.5797, 12.6449
YIQ	98.6080, -13.9360, -11.7600

Conversions

Conversions Part 2

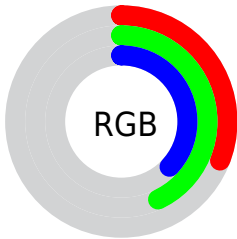
Format	Color
R_{YB}	78, 99, 110
Decimal	5140062
CIE _{Lab}	43.62, -15.29, 5.22
CIE _{LCh}	44, 16.154, 161.136
Y _{xy}	13.5797, 0.2905, 0.3674
Android (android.graphics.Color)	4283330142 (0xFF4E6E5E)
YUV	98.6080, -2.2717, -18.0732
Hunter-Lab	36.8507, -12.4742, 5.4508

Details

The YUV color **98.6080, -2.2717, -18.0732** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **89.3920, 2.2717, 18.0732**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7820, -2.8505, -19.1028**, and **51.4340, -1.6930, -17.0436** is the 20% darker color. If you saturate the color by 10%, you get **94.7490, -2.8343, -24.3359**, and if you desaturate by 10%, it is **102.5810, -1.2724, -11.9105**.

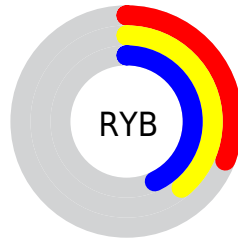
Distribution



Red (31%)

Green (43%)

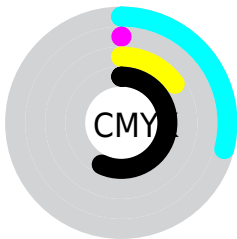
Blue (37%)



Red (31%)

Yellow (39%)

Blue (43%)

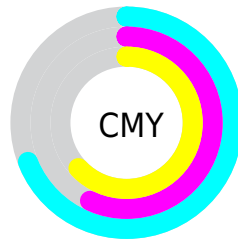


Cyan (29%)

Magenta (0%)

Yellow (15%)

Black (57%)



Cyan (69%)

Magenta (57%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.6080, -2.2717, -18.0732 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 98.6080, -2.2717, -18.0732 by changing the saturation by 10% instead.

■ 98.6080, -2.2717,
-18.0732

■ 98.6080, -2.2717,
-18.0732

■ 255.0000, 0.0000,
0.0000

■ 74.6080, -2.2717,
-18.0732

■ 149.7820, -2.8505,
-19.1028

■ 51.4340, -1.6930,
-17.0436

■ 176.4830, -2.7031,
-19.7176

■ 29.2490, -1.1088,
-17.7584

■ 204.0700, -2.9925,
-20.2324

■ 12.3270, -6.0772,
-10.8108

■ 232.0700, -2.9925,
-20.2324

■ 0.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,
-11.0660

■ 98.6080, -2.2717,
-18.0732

■ 98.6080, -2.2717,
-18.0732

■ 94.7490, -2.8343,
-24.3359

■ 102.5810, -1.2724,
-11.9105

■ 90.7760, -3.8336,
-30.4986

■ 106.4400, -0.7099,
-5.6479

■ 86.9170, -4.3961,
-36.7612

■ 110.4130, 0.2894,
0.5148

■ 82.9440, -5.3954,
-42.9239

■ 114.2720, 0.8519,
6.7775

■ 79.0850, -5.9579,
-49.1865

■ 118.2450, 1.8512,
12.9401

■ 75.1120, -6.9572,
-55.3492

■ 122.1040, 2.4137,
19.2028

■ 71.2530, -7.5197,
-61.6119

■ 126.0770, 3.4130,
25.3655

■ 70.8400, -7.8091,

■ 129.9360, 3.9756,

-62.1267

31.6281

■ 133.9090, 4.9749,
37.7908

Harmonies

Analogous

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



100.6650, -8.7088, -6.7222



98.6080, -2.2717, -18.0732



97.5020, 5.1755, -26.7503

Triad

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



98.6080, -2.2717, -18.0732



103.2730, 12.6834, -8.1324



104.1400, -8.9430, 21.8022

Complementary

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



98.6080, -2.2717, -18.0732



89.3920, 2.2717, 18.0732

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.



104.6330, -3.2701, 22.2469



98.6080, -2.2717, -18.0732



104.7370, 9.0037, 5.4927

Square

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



98.6080, -2.2717, -18.0732



100.1250, 13.7424, -21.1576



105.0220, 3.4402, 16.6437



103.1840, -12.4157, 15.6246

Rectangle

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



98.6080, -2.2717, -18.0732



97.2290, 9.2541, -28.2648



105.0220, 3.4402, 16.6437



104.3080, -7.0538, 22.5319

Sweetspot

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



98.6080, -2.2717, -18.0732



138.3150, -1.1413, -7.2923



101.5680, -11.6190, -6.6371



68.4510, -0.7153, -3.9035



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



98.6080, -2.2717, -18.0732



125.2000, -3.5496, -28.2394



100.4320, 4.7170, -19.6729



53.8640, -0.4260, -3.3887



77.2800, -8.5190, -67.7746



159.1250, -17.3166, -139.5526

Inverse Universe

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



89.3920, 2.2717, 18.0732



110.8000, 3.5496, 28.2394



87.5680, -4.7170, 19.6729



52.1360, 0.4260, 3.3887



42.7200, 8.5190, 67.7746



87.9890, 17.7534, 139.4526

Previews

White Background



This preview shows how the YUV color 98.6080, -2.2717, -18.0732 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 98.6080, -2.2717, -18.0732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

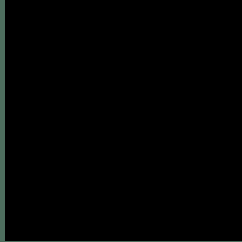
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.6080, -2.2717, -18.0732

Background



This preview shows how black text looks on a background with the YUV color 98.6080, -2.2717, -18.0732.



This preview shows how white text looks on a background with the YUV color 98.6080, -2.2717,

-18.0732.

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

98.6080, -2.2717, -18.0732

Protanopia

102.4260, -6.1260, 4.8884

Deuteranopia

103.4420, -3.6689, 10.1364



Tritanopia

100.5510, 7.6164, -16.2692

Trichromacy



Original Color

98.6080, -2.2717, -18.0732

Protanomaly

101.0120, -4.9359, -3.5185

Deuteranomaly

101.7890, -3.3470, 0.1850

Tritanomaly

99.9270, 3.9800, -16.5990

Monochromacy



Original Color

98.6080, -2.2717, -18.0732

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7280, -0.8519, -6.7775

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6080, -2.2717, -18.0732 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(78, 110, 94)` looks like.

```
.text, #text, p{  
    color:rgb(78, 110, 94)  
}
```

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(78, 110, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 110, 94) }
```

Border

The CSS property to change the border of an element to YUV 98.6080, -2.2717, -18.0732 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(78, 110, 94) }
```


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

```
.border{ border-color:rgb(78, 110, 94) }
```

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

Here you see how a box with a 4 pixel rgb(78, 110, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 110, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 110, 94);  
box-shadow:4px 4px 4px 4px rgb(78, 110,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 98.6080, -2.2717, -18.0732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 110, 94) }
```

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

```
.background{ background-color: rgb(78, 110,  
94) }
```

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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