

Converting Colors

YUV(98.9580, -9.8393, -17.5032)

Have a look what the booklet for
YUV(98.9580, -9.8393, -17.5032)
contains.

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Color

**YUV(98.9580, -9.8393,
-17.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	4F714F
RGB	79, 113, 79
RGB Percent	31%, 44%, 31%
CMY	0.6902, 0.5569, 0.6902
CMYK	0.30, 0.00, 0.30, 0.56
HSL	120°, 18%, 38%
HSV	120°, 30%, 44%
XYZ	10.5409, 14.0370, 9.5510
YIQ	98.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

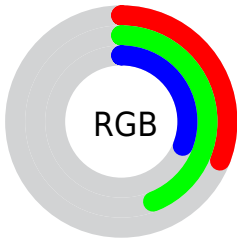
Format	Color
RYB	79, 113, 113
Decimal	5206351
CIELab	44.29, -19.63, 15.08
CIELCh	44, 24.752, 142.473
Yxy	14.0370, 0.3089, 0.4113
Android (android.graphics.Color)	4283396431 (0xFF4F714F)
YUV	98.9580, -9.8393, -17.5032
Hunter-Lab	37.4660, -15.3456, 11.1118

Details

The YUV color **98.9580, -9.8393, -17.5032** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **93.0420, 9.8393, 17.5032**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0180, -10.8549, -18.4328**, and **51.5990, -8.6763, -17.1883** is the 20% darker color. If you saturate the color by 10%, you get **94.4150, -13.0226, -23.1660**, and if you desaturate by 10%, it is **103.5010, -6.6560, -11.8404**.

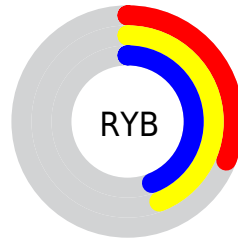
Distribution



Red (31%)

Green (44%)

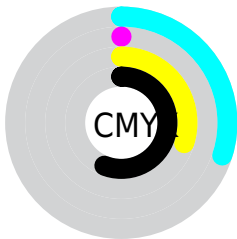
Blue (31%)



Red (31%)

Yellow (44%)

Blue (44%)

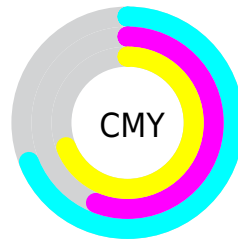


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.9580, -9.8393, -17.5032 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 98.9580, -9.8393, -17.5032 by changing the saturation by 10% instead.

■ 98.9580, -9.8393,
-17.5032

■ 98.9580, -9.8393,
-17.5032

255.0000, 0.0000,
0.0000

■ 74.4850, -9.1131,
-17.0883

■ 150.0180,
-10.8549, -18.4328

■ 51.5990, -8.6763,
-17.1883

■ 176.6050,
-11.1443, -18.9476

■ 29.1260, -7.9501,
-16.7735

■ 204.4910,
-11.5811, -18.8476

■ 14.0880, -6.9454,
-12.3552

■ 232.7790,
-11.7230, -19.9772

■ 0.0000, 0.0000,
0.0000

■ 248.1640, -5.5039,
-8.0368

■ 98.9580, -9.8393,
-17.5032

■ 98.9580, -9.8393,
-17.5032

■ 94.4150, -13.0226,
-23.1660

■ 103.5010, -6.6560,
-11.8404

■ 89.4590, -16.4953,
-29.3435

■ 108.4570, -3.1833,
-5.6628

■ 84.9160, -19.6786,
-35.0063

■ 113.0000, 0.0000,
0.0000

■ 80.3730, -22.8619,
-40.6691

■ 117.5430, 3.1833,
5.6628

■ 75.8300, -26.0452,
-46.3319

■ 122.4990, 6.6560,
11.8404

■ 70.8740, -29.5179,
-52.5095

■ 127.0420, 9.8393,
17.5032

■ 66.3310, -32.7012,
-58.1723

■ 131.5850, 13.0226,
23.1660

■ 136.1280, 16.2059,

28.8287

■ 141.0840, 19.6786,
35.0063

Harmonies

Analogous

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



101.7170, -17.6085, 1.1252



98.9580, -9.8393, -17.5032



95.2250, 1.8611, -37.0313

Triad

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



98.9580, -9.8393, -17.5032



99.9590, 22.2052, -28.9050



106.4450, -8.1074, 33.8127

Complementary

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



98.9580, -9.8393, -17.5032



93.0420, 9.8393, 17.5032

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.



107.0560, 1.9444, 29.7689



98.9580, -9.8393, -17.5032



105.4890, 18.4929, -4.8139

Square

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



98.9580, -9.8393, -17.5032



92.7130, 21.8335, -49.7373



107.6720, 11.0077, 16.0737



105.3490, -15.9481, 28.6349

Rectangle

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



98.9580, -9.8393, -17.5032



92.0370, 10.3348, -48.2674



107.6720, 11.0077, 16.0737



106.6560, -4.7604, 33.6277

Sweetspot

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



98.9580, -9.8393, -17.5032



142.6310, -3.7621, -6.6924



109.1240, -14.8511, 3.3993



70.6960, -2.3151, -4.1184



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



98.9580, -9.8393, -17.5032



126.1110, -15.3377, -27.2843



100.8960, -2.4137, -19.2028



53.5220, -1.7363, -3.0888



70.4400, -34.7269, -61.7759



144.9890, -71.4796, -127.1554

Inverse Universe

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



93.0420, 9.8393, 17.5032



116.8890, 15.3377, 27.2843



91.1040, 2.4137, 19.2028



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 98.9580, -9.8393, -17.5032 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 98.9580, -9.8393, -17.5032 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 98.9580, -9.8393, -17.5032

Background



This preview shows how black text looks on a background with the YUV color 98.9580, -9.8393, -17.5032.



This preview shows how white text looks on a background with the YUV color 98.9580, -9.8393,

-17.5032.

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

98.9580, -9.8393, -17.5032

Protanopia

103.0860, -13.8464, 7.8176

Deuteranopia

104.5260, -11.1053, 15.3247



Tritanopia

102.4480, 7.1741, -14.4249

Trichromacy



Original Color

98.9580, -9.8393, -17.5032

Protanomaly

101.3730, -12.5089, -1.2041

Deuteranomaly

102.5630, -10.6306, 3.0142

Tritanomaly

101.1290, 0.9224, -15.8991

Monochromacy



Original Color

98.9580, -9.8393, -17.5032

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0440, -3.4727, -6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9580, -9.8393, -17.5032 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(79, 113, 79)` looks like.

```
.text, #text, p{  
    color:rgb(79, 113, 79)  
}
```

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(79, 113, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 113, 79) }
```

Border

The CSS property to change the border of an element to YUV 98.9580, -9.8393, -17.5032 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(79, 113, 79) }
```


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

```
.border{ border-color:rgb(79, 113, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 113, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 113, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 113, 79);  
box-shadow:4px 4px 4px 4px rgb(79, 113,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 98.9580, -9.8393, -17.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 113, 79) }
```

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

```
.background{ background-color: rgb(79, 113,  
79) }
```

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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