

Converting Colors

YUV(97.9980, -0.4920, -28.9392)

Have a look what the booklet for
YUV(97.9980, -0.4920, -28.9392)
contains.

YUV(97.9980, -0.4920, -28.9392)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(97.9980, -0.4920,
-28.9392)**

Conversions

Conversions Part 1

Format	Color
Hex	417361
RGB	65, 115, 97
RGB Percent	25%, 45%, 38%
CMY	0.7451, 0.5490, 0.6196
CMYK	0.43, 0.00, 0.16, 0.55
HSL	158°, 28%, 35%
HSV	158°, 43%, 45%
XYZ	10.4684, 14.2484, 13.5077
YIQ	97.9980, -24.0220, -16.1980

Conversions

Conversions Part 2

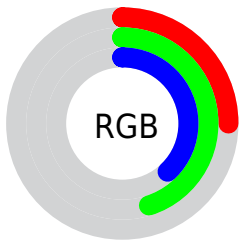
Format	Color
R_{YB}	65, 95, 115
Decimal	4289377
CIE _{Lab}	44.59, -21.48, 4.71
CIE _{LCh}	45, 21.990, 167.626
Yxy	14.2484, 0.2739, 0.3728
Android (android.graphics.Color)	4282479457 (0xFF417361)
YUV	97.9980, -0.4920, -28.9392
Hunter-Lab	37.7470, -16.5538, 5.2060

Details

The YUV color **97.9980, -0.4920, -28.9392** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **82.0020, 0.4920, 28.9392**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5850, -0.7814, -29.4540**, and **48.7420, 1.1132, -30.4687** is the 20% darker color. If you saturate the color by 10%, you get **94.2530, -0.6177, -35.3019**, and if you desaturate by 10%, it is **102.0420, -0.5137, -21.9618**.

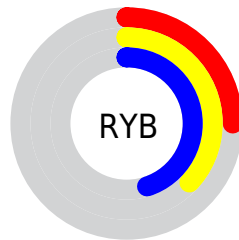
Distribution



Red (25%)

Green (45%)

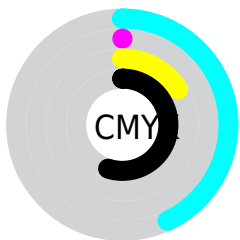
Blue (38%)



Red (25%)

Yellow (37%)

Blue (45%)

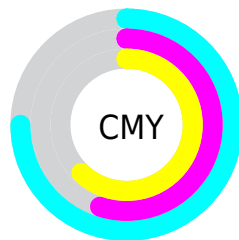


Cyan (43%)

Magenta (0%)

Yellow (16%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9980, -0.4920, -28.9392 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 97.9980, -0.4920, -28.9392 by changing the saturation by 10% instead.

■ 97.9980, -0.4920,
-28.9392

■ 97.9980, -0.4920,
-28.9392

255.0000, 0.0000,
0.0000

■ 73.1120, -0.0552,
-29.0392

■ 149.5850, -0.7814,
-29.4540

■ 48.7420, 1.1132,
-30.4687

■ 176.7590, -1.3602,
-30.4836

■ 29.2480, 0.3707,
-25.6505

■ 204.4600, -1.2128,
-31.0984

■ 15.1310, -5.4876,
-13.2699

■ 232.4600, -1.2128,
-31.0984

■ 0.0000, 0.0000,
0.0000

■ 246.0300, 4.4222,
-18.4433

254.7010, 0.1474,

-0.6148

■ 97.9980, -0.4920,
-28.9392

■ 97.9980, -0.4920,
-28.9392

■ 94.2530, -0.6177,
-35.3019

■ 102.0420, -0.5137,
-21.9618

■ 90.2090, -0.5960,
-42.2793

■ 105.7870, -0.3880,
-15.5992

■ 86.4640, -0.7218,
-48.6419

■ 109.8310, -0.4097,
-8.6218

■ 82.3060, -1.1369,
-55.5194

■ 113.6900, 0.1528,
-2.3591

■ 78.2620, -1.1152,
-62.4968

■ 117.7340, 0.1311,
4.6183

■ 75.9410, -0.9569,
-66.6003

■ 121.4790, 0.2569,
10.9809

■ 125.5230, 0.2352,
17.9583

■ 129.2680, 0.3609,
24.3210

■ 133.3120, 0.3392,
31.2984

Harmonies

Analogous

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



100.5780, -10.1450, -12.7849



97.9980, -0.4920, -28.9392



95.0810, 10.3131, -41.2900

Triad

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



97.9980, -0.4920, -28.9392



105.4240, 17.0460, -7.3878



106.6200, -13.6167, 27.5203

Complementary

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



97.9980, -0.4920, -28.9392



82.0020, 0.4920, 28.9392

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.



107.2920, -6.0600, 30.4389



97.9980, -0.4920, -28.9392



107.9380, 10.8766, 11.4554

Square

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



97.9980, -0.4920, -28.9392



100.9870, 19.7264, -27.1756



108.5500, 2.6869, 24.9507



105.2290, -17.3679, 17.3392

Rectangle

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



97.9980, -0.4920, -28.9392



94.8510, 15.8495, -43.7193



108.5500, 2.6869, 24.9507



106.6140, -11.1487, 29.2795

Sweetspot

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



97.9980, -0.4920, -28.9392



143.5210, -0.2569, -10.9809



99.7320, -17.1229, -14.6740



72.5430, -0.2677, -7.4922



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



97.9980, -0.4920, -28.9392



123.4860, -0.7326, -45.1532



95.9410, 9.3961, -27.1353



56.9780, 0.0108, -3.4887



80.5060, -1.2355, -70.6038



164.9900, -2.4601, -144.6962

Inverse Universe

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



82.0020, 0.4920, 28.9392



98.5140, 0.7326, 45.1532



84.0590, -9.3961, 27.1353



55.0220, -0.0108, 3.4887



41.4940, 1.2355, 70.6038



85.0100, 2.4601, 144.6962

Previews

White Background



This preview shows how the YUV color 97.9980, -0.4920, -28.9392 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 97.9980, -0.4920, -28.9392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

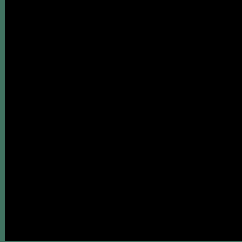
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.9980, -0.4920, -28.9392

Background



This preview shows how black text looks on a background with the YUV color 97.9980, -0.4920, -28.9392.



This preview shows how white text looks on a background with the YUV color 97.9980, -0.4920, -28.9392.

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

97.9980, -0.4920, -28.9392

Protanopia

105.0130, -6.4154, 4.3736

Deuteranopia

105.6700, -2.7953, 9.9364



Tritanopia

100.7670, 9.9749, -26.1057

Trichromacy



Original Color

97.9980, -0.4920, -28.9392

Protanomaly

102.8050, -4.3409, -7.7220

Deuteranomaly

102.8100, -1.8783, -4.2184

Tritanomaly

99.7300, 6.0491, -26.9502

Monochromacy



Original Color

97.9980, -0.4920, -28.9392

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9340, 0.0325, -10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9980, -0.4920, -28.9392 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(65, 115, 97)` looks like.

```
.text, #text, p{  
    color:rgb(65, 115, 97)  
}
```

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(65, 115, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 115, 97) }
```

Border

The CSS property to change the border of an element to YUV 97.9980, -0.4920, -28.9392 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(65, 115, 97) }
```


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

```
.border{ border-color:rgb(65, 115, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 115, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 115, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 115, 97);  
box-shadow:4px 4px 4px 4px rgb(65, 115,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 97.9980, -0.4920, -28.9392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 115, 97) }
```

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

```
.background{ background-color: rgb(65, 115,  
97) }
```

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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