

Converting Colors

YUV(78.9980, -0.4920, -28.9392)

Have a look what the booklet for
YUV(78.9980, -0.4920, -28.9392)
contains.

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Color

**YUV(78.9980, -0.4920,
-28.9392)**

Conversions

Conversions Part 1

Format	Color
Hex	2E604E
RGB	46, 96, 78
RGB Percent	18%, 38%, 31%
CMY	0.8196, 0.6235, 0.6941
CMYK	0.52, 0.00, 0.19, 0.62
HSL	158°, 35%, 28%
HSV	158°, 52%, 38%
XYZ	6.6847, 9.4966, 8.6884
YIQ	78.9980, -24.0220, -16.1980

Conversions

Conversions Part 2

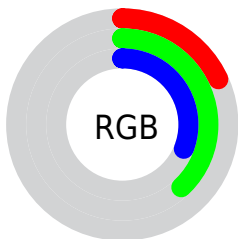
Format	Color
RYB	46, 76, 96
Decimal	3039310
CIELab	36.92, -21.73, 5.14
CIELCh	37, 22.330, 166.684
Yxy	9.4966, 0.2688, 0.3819
Android (android.graphics.Color)	4281229390 (0xFF2E604E)
YUV	78.9980, -0.4920, -28.9392
Hunter-Lab	30.8166, -15.2089, 4.8554




Details

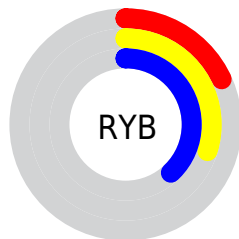
The YUV color **78.9980, -0.4920, -28.9392** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **63.0020, 0.4920, 28.9392**, and the grayscale version is **79.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **129.4710, -1.2182, -29.3541**, and **32.6390, 0.6710, -28.6244** is the 20% darker color. If you saturate the color by 10%, you get **75.6660, -0.3283, -34.7871**, and if you desaturate by 10%, it is **82.3300, -0.6557, -23.0914**.

Distribution







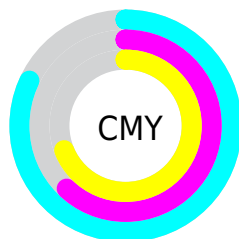
-  Red (18%)
-  Green (38%)
-  Blue (31%)






-  Red (18%)
-  Yellow (30%)
-  Blue (38%)



-  Cyan (52%)
-  Magenta (0%)
-  Yellow (19%)
-  Black (62%)



-  Cyan (82%)
-  Magenta (62%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9980, -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 78.9980, -0.4920, -28.9392 by changing the saturation by 10% instead.

■ 78.9980, -0.4920,
-28.9392

■ 78.9980, -0.4920,
-28.9392

■ 255.0000, 0.0000,
0.0000

■ 54.5140, 0.2396,
-30.2688

■ 129.4710, -1.2182,
-29.3541

■ 32.6390, 0.6710,
-28.6244

■ 156.0580, -1.5076,
-29.8689

■ 18.9780, -3.4402,
-16.6437

■ 182.7590, -1.3602,
-30.4836

■ 0.0000, 0.0000,
0.0000

■ 210.3460, -1.6496,
-30.9984

■ 237.1720, -1.0708,
-29.9688

■ 248.1230, 3.3904,

-14.1399

■ 78.9980, -0.4920,
-28.9392

■ 78.9980, -0.4920,
-28.9392

■ 75.6660, -0.3283,
-34.7871

■ 82.3300, -0.6557,
-23.0914

■ 72.5190, -0.7489,
-39.9202

■ 85.4770, -0.2352,
-17.9583

■ 69.1870, -0.5852,
-45.7680

■ 88.8090, -0.3988,
-12.1105

■ 66.0400, -1.0057,
-50.9011

■ 91.9560, 0.0217,
-6.9774

■ 63.3060, -1.1369,
-55.5194

■ 95.2880, -0.1420,
-1.1296

■ 98.7340, 0.1311,
4.6183

■ 101.7670, 0.1149,
9.8513

■ 105.2130, 0.3880,
15.5992

■ 108.2460, 0.3717,
20.8323

Harmonies

Analogous

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



82.2900, -10.0030, -11.6553



78.9980, -0.4920, -28.9392



74.8740, 10.9081, -45.4935

Triad

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



78.9980, -0.4920, -28.9392



86.7120, 16.9040, -8.5174



87.5490, -12.5957, 26.7055

Complementary

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



78.9980, -0.4920, -28.9392



63.0020, 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.



88.1070, -5.4758, 29.7242



78.9980, -0.4920, -28.9392



89.3400, 11.1714, 10.2258

Square

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



78.9980, -0.4920, -28.9392



81.5630, 19.4424, -29.4348



89.3650, 3.2711, 24.2359



86.3430, -16.9311, 17.2392

Rectangle

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



78.9980, -0.4920, -28.9392



73.4480, 17.0341, -50.3819



89.3650, 3.2711, 24.2359



87.4290, -10.5645, 28.5648

Sweetspot

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



78.9980, -0.4920, -28.9392



118.2220, -0.1094, -11.5957



80.7320, -17.1229, -14.6740



59.8420, -0.4151, -6.8774



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



78.9980, -0.4920, -28.9392



98.1870, -0.5852, -45.7680



76.9410, 9.3961, -27.1353



46.6900, 0.1528, -2.3591



73.9520, -0.9623, -64.8559



158.3220, -2.6237, -138.8484

Inverse Universe

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



63.0020, 0.4920, 28.9392



72.9270, 1.0220, 45.6680



65.0590, -9.3961, 27.1353



45.3100, -0.1528, 2.3591



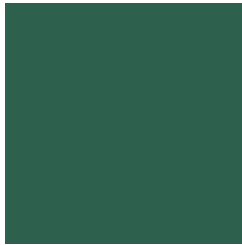
38.0480, 0.9623, 64.8559



81.5640, 2.1869, 138.9484

Previews

White Background



This preview shows how the YUV color 78.9980, -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 ✓ Pass

Black Background



This preview shows how the YUV color 78.9980, -0.4920, -28.9392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

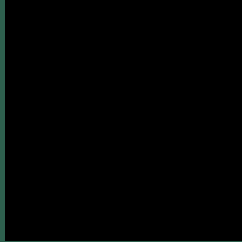
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9980, -0.4920, -28.9392

Background



This preview shows how black text looks on a background with the YUV color 78.9980, -0.4920, -28.9392.



This preview shows how white text looks on a background with the YUV color 78.9980, -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

78.9980, -0.4920, -28.9392

Protanopia

86.0130, -6.4154, 4.3736

Deuteranopia

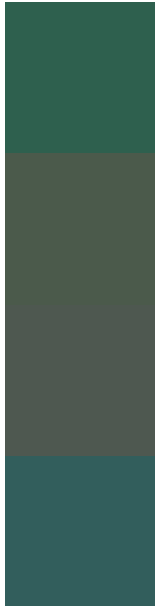
87.5450, -3.2267, 8.2920



Tritanopia

81.8380, 8.9539, -25.2909

Trichromacy



Original Color

78.9980, -0.4920, -28.9392

Protanomaly

83.8050, -4.3409, -7.7220

Deuteranomaly

84.0980, -2.0203, -5.3479

Tritanomaly

80.6160, 5.6123, -26.8502

Monochromacy



Original Color

78.9980, -0.4920, -28.9392

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9340, 0.0325, -10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9980, -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(46, 96, 78)` looks like.

```
.text, #text, p{  
    color:rgb(46, 96, 78)  
}
```

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(46, 96, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 96, 78) }
```

Border

The CSS property to change the border of an element to YUV 78.9980, -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(46, 96, 78) }
```


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

```
.border{ border-color:rgb(46, 96, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 96, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 96, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 96, 78);  
box-shadow:4px 4px 4px 4px rgb(46, 96, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.9980, -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(46, 96, 78) }
```

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

```
.background{ background-color: rgb(46, 96,  
78) }
```

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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