

Converting Colors

YUV(78.9210, 2.9969, -27.9947)

Have a look what the booklet for
YUV(78.9210, 2.9969, -27.9947)
contains.

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Color

**YUV(78.9210, 2.9969,
-27.9947)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5E55
RGB	47, 94, 85
RGB Percent	18%, 37%, 33%
CMY	0.8157, 0.6314, 0.6667
CMYK	0.50, 0.00, 0.10, 0.63
HSL	169°, 33%, 28%
HSV	169°, 50%, 37%
XYZ	6.8147, 9.2656, 10.0236
YIQ	78.9210, -25.1230, -12.7630

Conversions

Conversions Part 2

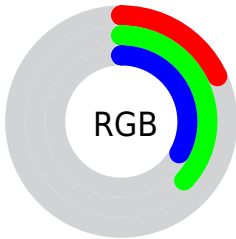
Format	Color
RYB	47, 73, 94
Decimal	3104341
CIELab	36.49, -18.54, 0.20
CIElCh	36, 18.537, 179.397
Yxy	9.2656, 0.2611, 0.3550
Android (android.graphics.Color)	4281294421 (0xFF2F5E55)
YUV	78.9210, 2.9969, -27.9947
Hunter-Lab	30.4395, -13.3071, 1.7837




Details

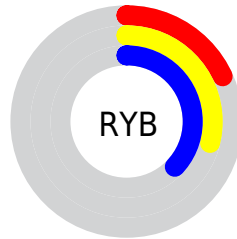
The YUV color **78.9210, 2.9969, -27.9947** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62.0790, -2.9969, 27.9947**, and the grayscale version is **79.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **129.5080, 2.7076, -28.5095**, and **32.1490, 3.8705, -28.1947** is the 20% darker color. If you saturate the color by 10%, you get **76.0020, 3.4500, -33.3278**, and if you desaturate by 10%, it is **81.8400, 2.5439, -22.6617**.

Distribution







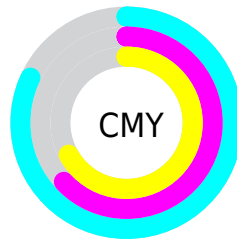
-  Red (18%)
-  Green (37%)
-  Blue (33%)






-  Red (18%)
-  Yellow (29%)
-  Blue (37%)



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (63%)



-  Cyan (82%)
-  Magenta (63%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9210, 2.9969, -27.9947 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 78.9210, 2.9969, -27.9947 by changing the saturation by 10% instead.

■ 78.9210, 2.9969,
-27.9947

■ 78.9210, 2.9969,
-27.9947

■ 255.0000, 0.0000,
0.0000

■ 54.7360, 3.5812,
-28.7095

■ 129.5080, 2.7076,
-28.5095

■ 32.1490, 3.8705,
-28.1947

■ 155.2090, 2.8550,
-29.1243

■ 18.7160, 0.6330,
-16.4139

■ 182.7960, 2.5656,
-29.6391

■ 0.0000, 0.0000,
0.0000

■ 210.3830, 2.2762,
-30.1539

■ 238.4970, 2.7130,
-30.2539

■ 248.1230, 3.3904,

-14.1399

■ 78.9210, 2.9969,
-27.9947

■ 78.9210, 2.9969,
-27.9947

■ 76.0020, 3.4500,
-33.3278

■ 81.8400, 2.5439,
-22.6617

■ 72.7840, 4.0505,
-39.2756

■ 85.0580, 1.9434,
-16.7139

■ 69.9790, 4.9404,
-44.7086

■ 87.8630, 1.0535,
-11.2809

■ 66.7610, 5.5408,
-50.6564

■ 91.0810, 0.4531,
-5.3330

■ 63.8420, 5.9939,
-55.9894

■ 94.0000, 0.0000,
0.0000

■ 96.9190, -0.4531,
5.3330

■ 100.1370, -1.0535,
11.2809

■ 102.9420, -1.9434,
16.7139

■ 106.1600, -2.5439,
22.6617

Harmonies

Analogous

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



81.7070, -5.7716, -15.5290



78.9210, 2.9969, -27.9947



77.9400, 10.8756, -35.0274

Triad

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



78.9210, 2.9969, -27.9947



87.2140, 12.2195, 0.6893



86.5050, -12.5740, 19.7281

Complementary

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



78.9210, 2.9969, -27.9947



62.0790, -2.9969, 27.9947

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.



87.2050, -7.4961, 24.3762



78.9210, 2.9969, -27.9947



88.1080, 6.3558, 14.8143

Square

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



78.9210, 2.9969, -27.9947



83.9130, 15.3259, -15.7097



88.0290, -0.5073, 22.7766



85.2820, -14.4360, 10.2767

Rectangle

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



78.9210, 2.9969, -27.9947



78.5750, 14.5065, -32.9533



88.0290, -0.5073, 22.7766



86.5700, -11.1270, 22.3021

Sweetspot

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



78.9210, 2.9969, -27.9947



116.2760, 1.3429, -10.7661



77.2800, -14.9280, -18.6626



57.4830, 0.7479, -6.5626



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



78.9210, 2.9969, -27.9947



98.5770, 4.6455, -43.4790



71.7290, 10.9796, -21.6873



44.3910, 0.3002, -2.9739



74.7160, 7.0420, -65.5259



161.0070, 15.2795, -141.2031

Inverse Universe

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



62.0790, -2.9969, 27.9947



72.4230, -4.6455, 43.4790



69.2710, -10.9796, 21.6873



42.6090, -0.3002, 2.9739



35.2840, -7.0420, 65.5259



75.9930, -15.2795, 141.2031

Previews

White Background



This preview shows how the YUV color 78.9210, 2.9969, -27.9947 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 78.9210, 2.9969, -27.9947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

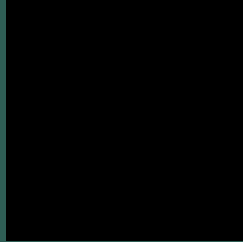
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9210, 2.9969, -27.9947

Background



This preview shows how black text looks on a background with the YUV color 78.9210, 2.9969, -27.9947.



This preview shows how white text looks on a background with the YUV color 78.9210, 2.9969, -27.9947.

-27.9947.

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

78.9210, 2.9969, -27.9947

Protanopia

85.3270, -2.6262, 2.3442

Deuteranopia

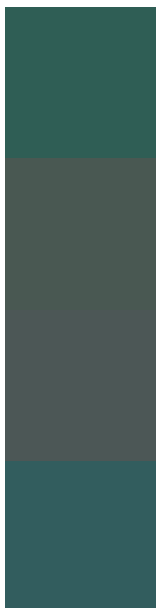
86.4460, 0.2731, 5.7479



Tritanopia

80.5390, 9.1013, -25.9057

Trichromacy



Original Color

78.9210, 2.9969, -27.9947

Protanomaly

82.8310, -0.4097, -8.6218

Deuteranomaly

83.5970, 1.1847, -6.6626

Tritanomaly

80.2570, 6.7753, -26.5354

Monochromacy



Original Color

78.9210, 2.9969, -27.9947

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.5750, 1.1955, -10.1513

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9210, 2.9969, -27.9947 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(47, 94, 85)` looks like.

```
.text, #text, p{  
    color:rgb(47, 94, 85)  
}
```

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(47, 94, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 94, 85) }
```

Border

The CSS property to change the border of an element to YUV 78.9210, 2.9969, -27.9947 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(47, 94, 85) }
```


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

```
.border{ border-color:rgb(47, 94, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 94, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 94, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 94, 85);  
box-shadow:4px 4px 4px 4px rgb(47, 94, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.9210, 2.9969, -27.9947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 94, 85) }
```

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

```
.background{ background-color: rgb(47, 94,  
85) }
```

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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