

Converting Colors

YUV(78.3070, 4.2856, -21.3172)

Have a look what the booklet for
YUV(78.3070, 4.2856, -21.3172)
contains.

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Color

**YUV(78.3070, 4.2856,
-21.3172)**

Conversions

Conversions Part 1

Format	Color
Hex	365957
RGB	54, 89, 87
RGB Percent	21%, 35%, 34%
CMY	0.7882, 0.6510, 0.6588
CMYK	0.39, 0.00, 0.02, 0.65
HSL	177°, 24%, 28%
HSV	177°, 39%, 35%
XYZ	6.8140, 8.6171, 10.3210
YIQ	78.3070, -20.2180, -8.0420

Conversions

Conversions Part 2

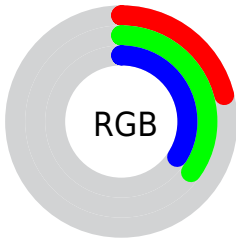
Format	Color
R_{YB}	54, 72, 89
Decimal	3561815
CIE _{Lab}	35.24, -13.14, -2.85
CIE _{LCh}	35, 13.443, 192.248
Yxy	8.6171, 0.2646, 0.3346
Android (android.graphics.Color)	4281751895 (0xFF365957)
YUV	78.3070, 4.2856, -21.3172
Hunter-Lab	29.3550, -9.9370, -0.2974

Details

The YUV color **78.3070, 4.2856, -21.3172** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64.6930, -4.2856, 21.3172**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0080, 4.4331, -21.9320**, and **31.8230, 5.0173, -22.6468** is the 20% darker color. If you saturate the color by 10%, you get **75.5020, 5.1755, -26.7503**, and if you desaturate by 10%, it is **81.1120, 3.3958, -15.8842**.

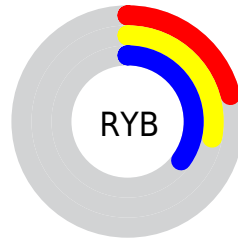
Distribution



 Red (21%)

 Green (35%)

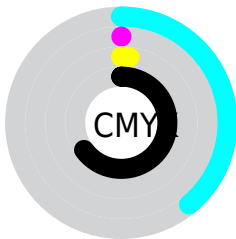
 Blue (34%)



 Red (21%)

 Yellow (28%)

 Blue (35%)

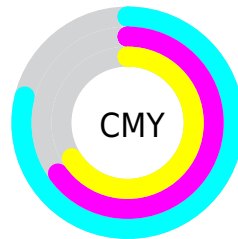


 Cyan (39%)

 Magenta (0%)

 Yellow (2%)

 Black (65%)



 Cyan (79%)

 Magenta (65%)

 Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.3070, 4.2856, -21.3172 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 78.3070, 4.2856, -21.3172 by changing the saturation by 10% instead.

■ 78.3070, 4.2856,
-21.3172

■ 78.3070, 4.2856,
-21.3172

■ 255.0000, 0.0000,
0.0000

■ 55.3070, 4.2856,
-21.3172

■ 128.0080, 4.4331,
-21.9320

■ 31.8230, 5.0173,
-22.6468

■ 153.7090, 4.5805,
-22.5468

■ 16.4820, 2.2274,
-14.4547

■ 181.2960, 4.2911,
-23.0616

■ 0.0000, 0.0000,
0.0000

■ 208.9970, 4.4385,
-23.6764

■ 236.9970, 4.4385,
-23.6764

■ 249.9170, 2.5059,

-10.4512

■ 78.3070, 4.2856,
-21.3172

■ 78.3070, 4.2856,
-21.3172

■ 75.5020, 5.1755,
-26.7503

■ 81.1120, 3.3958,
-15.8842

■ 72.8110, 6.5022,
-32.2832

■ 83.8030, 2.0691,
-10.3512

■ 70.0060, 7.3920,
-37.7163

■ 86.6080, 1.1793,
-4.9182

■ 67.3150, 8.7187,
-43.2493

■ 89.2990, -0.1474,
0.6148

■ 64.8090, 9.4612,
-48.0675

■ 92.1040, -1.0373,
6.0478

■ 62.1180, 10.7878,
-53.6005

■ 94.4960, -2.2165,
10.9660

■ 61.8190, 10.9352,
-54.2153

■ 97.3010, -3.1064,
16.3990

■ 99.9920, -4.4331,
21.9320

■ 102.7970, -5.3229,
27.3650

Harmonies

Analogous

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



78.8580, -1.4090, -14.7845



78.3070, 4.2856, -21.3172



78.5610, 9.0904, -22.4170

Triad

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



78.3070, 4.2856, -21.3172



84.5690, 7.1145, 4.7630



83.1450, -9.9315, 12.1508

Complementary

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



78.3070, 4.2856, -21.3172



64.6930, -4.2856, 21.3172

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.



83.8620, -7.3270, 16.7840



78.3070, 4.2856, -21.3172



84.7720, 2.5774, 13.3550

Square

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



78.3070, 4.2856, -21.3172



82.7140, 10.4940, -5.8882



84.4260, -2.6750, 18.0434



82.0900, -9.9044, 3.4291

Rectangle

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



78.3070, 4.2856, -21.3172



79.9250, 10.3900, -19.2282



84.4260, -2.6750, 18.0434



83.2700, -9.5001, 13.7952

Sweetspot

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



78.3070, 4.2856, -21.3172



110.7000, 1.6269, -8.5069



75.1430, -10.4235, -16.7884



56.1950, 0.8899, -5.4330



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



78.3070, 4.2856, -21.3172



98.5120, 6.6496, -32.8980



69.7300, 9.5001, -13.7952



41.8040, 0.5896, -2.4591



74.3230, 13.1518, -65.1813



163.1390, 28.5255, -143.0729

Inverse Universe

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



64.6930, -4.2856, 21.3172



77.4880, -6.6496, 32.8980



73.2700, -9.5001, 13.7952



40.1960, -0.5896, 2.4591



32.6770, -13.1518, 65.1813



71.7470, -28.9623, 143.1729

Previews

White Background



This preview shows how the YUV color 78.3070, 4.2856, -21.3172 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 78.3070, 4.2856, -21.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

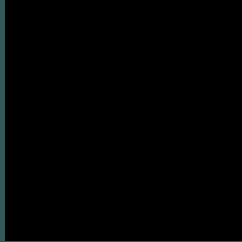
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3070, 4.2856, -21.3172

Background



This preview shows how black text looks on a background with the YUV color 78.3070, 4.2856, -21.3172.



This preview shows how white text looks on a background with the YUV color 78.3070, 4.2856, -21.3172.

-21.3172.

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

78.3070, 4.2856, -21.3172

Protanopia

82.7120, 0.1420, 1.1296

Deuteranopia

83.4180, 2.7519, 4.0184



Tritanopia

79.2300, 7.7746, -20.3727

Trichromacy



Original Color

78.3070, 4.2856, -21.3172

Protanomaly

81.2980, 1.3321, -7.2773

Deuteranomaly

81.4770, 3.2158, -4.8033

Tritanomaly

78.5890, 6.6116, -20.6876

Monochromacy



Original Color

78.3070, 4.2856, -21.3172

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3070, 4.2856, -21.3172 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(54, 89, 87)` looks like.

```
.text, #text, p{  
    color:rgb(54, 89, 87)  
}
```

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(54, 89, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 89, 87) }
```

Border

The CSS property to change the border of an element to YUV 78.3070, 4.2856, -21.3172 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(54, 89, 87) }
```


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

```
.border{ border-color:rgb(54, 89, 87) }
```

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

Here you see how a box with a 4 pixel rgb(54, 89, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 89, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 89, 87);  
box-shadow:4px 4px 4px 4px rgb(54, 89, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.3070, 4.2856, -21.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 89, 87) }
```

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

```
.background{ background-color: rgb(54, 89,  
87) }
```

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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