

Converting Colors

YUV(78.2870, -2.1135, -22.1767)

Have a look what the booklet for
YUV(78.2870, -2.1135, -22.1767)
contains.

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Color

**YUV(78.2870, -2.1135,
-22.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	355C4A
RGB	53, 92, 74
RGB Percent	21%, 36%, 29%
CMY	0.7922, 0.6392, 0.7098
CMYK	0.42, 0.00, 0.20, 0.64
HSL	152°, 27%, 28%
HSV	152°, 42%, 36%
XYZ	6.5314, 8.9056, 7.8533
YIQ	78.2870, -17.4660, -13.8660

Conversions

Conversions Part 2

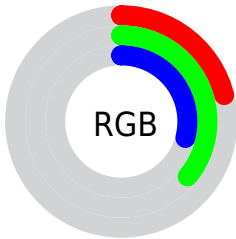
Format	Color
RYB	53, 78, 92
Decimal	3497034
CIELab	35.80, -18.49, 6.06
CIElCh	36, 19.455, 161.845
Yxy	8.9056, 0.2804, 0.3824
Android (android.graphics.Color)	4281687114 (0xFF355C4A)
YUV	78.2870, -2.1135, -22.1767
Hunter-Lab	29.8422, -13.1568, 5.2868

Details

The YUV color **78.2870, -2.1135, -22.1767** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.7130, 2.1135, 22.1767**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8740, -2.4029, -22.6915**, and **31.9170, -0.9451, -23.6062** is the 20% darker color. If you saturate the color by 10%, you get **75.1400, -2.5340, -27.3098**, and if you desaturate by 10%, it is **81.4340, -1.6930, -17.0436**.

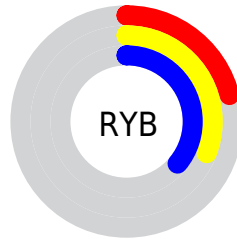
Distribution



Red (21%)

Green (36%)

Blue (29%)



Red (21%)

Yellow (31%)

Blue (36%)

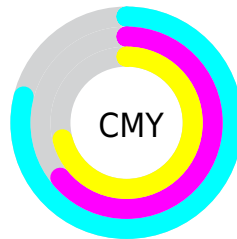


Cyan (42%)

Magenta (0%)

Yellow (20%)

Black (64%)



Cyan (79%)

Magenta (64%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.2870, -2.1135, -22.1767 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 78.2870, -2.1135, -22.1767 by changing the saturation by 10% instead.

■ 78.2870, -2.1135,
-22.1767

■ 78.2870, -2.1135,
-22.1767

■ 255.0000, 0.0000,
0.0000

■ 54.7000, -1.8241,
-21.6619

■ 127.8740, -2.4029,
-22.6915

■ 31.9170, -0.9451,
-23.6062

■ 154.0480, -2.9817,
-23.7211

■ 15.9460, -4.9034,
-13.9846

■ 181.0480, -2.9817,
-23.7211

■ 0.0000, 0.0000,
0.0000

■ 208.6350, -3.2711,
-24.2359

■ 237.3360, -3.1236,
-24.8507

■ 249.6180, 2.6533,

-11.0660

■ 78.2870, -2.1135,
-22.1767

■ 78.2870, -2.1135,
-22.1767

■ 75.1400, -2.5340,
-27.3098

■ 81.4340, -1.6930,
-17.0436

■ 71.9930, -2.9545,
-32.4429

■ 84.5810, -1.2724,
-11.9105

■ 68.4330, -3.6645,
-38.0907

■ 88.1410, -0.5625,
-6.2627

■ 65.2860, -4.0850,
-43.2238

■ 91.2880, -0.1420,
-1.1296

■ 62.1390, -4.5055,
-48.3569

■ 94.4350, 0.2785,
4.0035

■ 59.7040, -4.7841,
-52.3604

■ 97.5820, 0.6991,
9.1366

■ 100.8430, 1.5564,
14.1697

■ 104.2890, 1.8295,
19.9175

■ 107.4360, 2.2501,
25.0506

Harmonies

Analogous

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



80.4260, -9.5770, -8.2666



78.2870, -2.1135, -22.1767



75.6150, 7.0918, -34.7424

Triad

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



78.2870, -2.1135, -22.1767



84.1310, 14.7254, -9.7619



85.1080, -10.4062, 24.4613

Complementary

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



78.2870, -2.1135, -22.1767



66.7130, 2.1135, 22.1767

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.



86.2420, -3.5703, 25.2208



78.2870, -2.1135, -22.1767



86.0900, 10.3086, 6.9371

Square

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



78.2870, -2.1135, -22.1767



79.1890, 16.6688, -26.4758



86.7450, 3.5767, 19.5176



84.0270, -14.3103, 16.6393

Rectangle

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



78.2870, -2.1135, -22.1767



74.6730, 12.4862, -38.3012



86.7450, 3.5767, 19.5176



85.3900, -8.0803, 25.0910

Sweetspot

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



78.2870, -2.1135, -22.1767



114.4180, -0.6991, -9.1366



81.2750, -13.9396, -9.0112



57.5540, -0.2731, -5.7479



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.



78.2870, -2.1135, -22.1767



98.5690, -3.2385, -34.7020



79.7520, 6.0383, -23.4615



44.2770, -0.1366, -2.8739



71.2960, -6.0619, -62.5266



153.7110, -12.6755, -134.8045

Inverse Universe

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



66.7130, 2.1135, 22.1767



80.4310, 3.2385, 34.7020



65.2480, -6.0383, 23.4615



42.7230, 0.1366, 2.8739



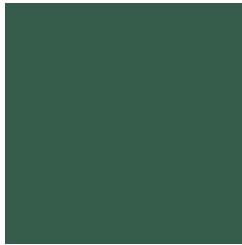
38.7040, 6.0619, 62.5266



83.2890, 12.6755, 134.8045

Previews

White Background



This preview shows how the YUV color 78.2870, -2.1135, -22.1767 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 78.2870, -2.1135, -22.1767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

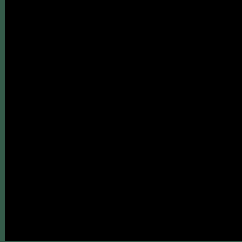
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.2870, -2.1135, -22.1767

Background



This preview shows how black text looks on a background with the YUV color 78.2870, -2.1135, -22.1767.



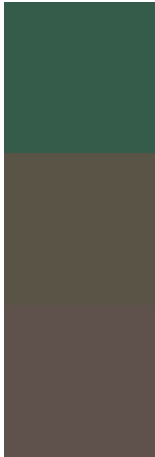
This preview shows how white text looks on a background with the YUV color 78.2870, -2.1135,

-22.1767.

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

78.2870, -2.1135, -22.1767

Protanopia

83.8990, -6.8522, 4.4736

Deuteranopia

84.6160, -4.2477, 9.1068



Tritanopia

80.5290, 7.6272, -19.7579

Trichromacy



Original Color

78.2870, -2.1135, -22.1767

Protanomaly

81.8870, -5.3673, -5.1629

Deuteranomaly

82.3650, -3.6309, -2.0741

Tritanomaly

79.6060, 4.1382, -20.7025

Monochromacy



Original Color

78.2870, -2.1135, -22.1767

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1300, -0.5571, -8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.2870, -2.1135, -22.1767 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(53, 92, 74)` looks like.

```
.text, #text, p{  
    color:rgb(53, 92, 74)  
}
```

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(53, 92, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 92, 74) }
```

Border

The CSS property to change the border of an element to YUV 78.2870, -2.1135, -22.1767 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(53, 92, 74) }
```


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

```
.border{ border-color:rgb(53, 92, 74) }
```

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

Here you see how a box with a 4 pixel rgb(53, 92, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 92, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 92, 74);  
box-shadow:4px 4px 4px 4px rgb(53, 92, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.2870, -2.1135, -22.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 92, 74) }
```

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

```
.background{ background-color: rgb(53, 92,  
74) }
```

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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