

Converting Colors

YUV(51.1070, -12.3778, 3.4142)

Have a look what the booklet for
YUV(51.1070, -12.3778, 3.4142)
contains.

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Color

**YUV(51.1070, -12.3778,
3.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	37361A
RGB	55, 54, 26
RGB Percent	22%, 21%, 10%
CMY	0.7843, 0.7882, 0.8980
CMYK	0.00, 0.02, 0.53, 0.78
HSL	58°, 36%, 16%
HSV	58°, 53%, 22%
XYZ	3.0812, 3.5251, 1.4953
YIQ	51.1070, 9.5840, -8.4960

Conversions

Conversions Part 2

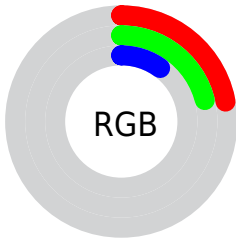
Format	Color
R_{YB}	27, 55, 26
Decimal	3618330
CIE Lab	22.04, -4.52, 17.68
CIE LCh	22, 18.251, 104.329
Yxy	3.5251, 0.3803, 0.4351
Android (android.graphics.Color)	4281808410 (0xFF37361A)
YUV	51.1070, -12.3778, 3.4142
Hunter-Lab	18.7754, -3.5638, 8.4208

Details

The YUV color **51.1070, -12.3778, 3.4142** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **29.8930, 12.3778, -3.4142**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.0640, -13.8356, 4.3289**, and **6.4570, -3.1833, -5.6628** is the 20% darker color. If you saturate the color by 10%, you get **50.4230, -14.9985, 4.0140**, and if you desaturate by 10%, it is **51.6770, -10.1938, 2.9143**.

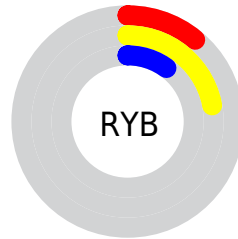
Distribution



 Red (22%)

 Green (21%)

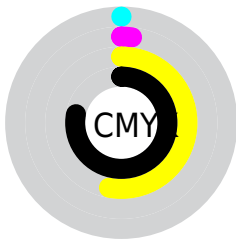
 Blue (10%)



 Red (11%)

 Yellow (22%)

 Blue (10%)

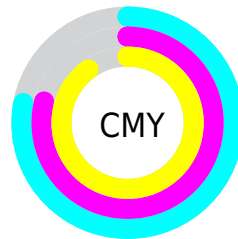


 Cyan (0%)

 Magenta (2%)

 Yellow (53%)

 Black (78%)



 Cyan (78%)

 Magenta (79%)

 Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.1070, -12.3778, 3.4142 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 51.1070, -12.3778, 3.4142 by changing the saturation by 10% instead.

■ 51.1070, -12.3778,
3.4142

■ 51.1070, -12.3778,
3.4142

■ 255.0000, 0.0000,
0.0000

■ 29.5370, -14.5617,
3.9141

■ 98.0640, -13.8356,
4.3289

■ 6.4570, -3.1833,
-5.6628

■ 122.3630,
-13.9830, 4.9436

■ 0.0000, 0.0000,
0.0000


■ 148.2490,
-14.4198, 5.0436


■ 175.0210,
-15.2934, 5.2436


■ 202.3200,
-15.4408, 5.8584


■ 230.7930,


-16.1669, 5.4435


 251.6940,
-12.6671, 2.8994


 51.1070, -12.3778,
3.4142


 51.1070, -12.3778,
3.4142


 50.4230, -14.9985,
4.0140


 51.6770, -10.1938,
2.9143


 49.8530, -17.1825,
4.5139


 52.3610, -7.5730,
2.3144


 48.5820, -19.5139,
5.6286

 53.6320, -5.2416,
1.1997

 48.0120, -21.6979,
6.1285

 54.2020, -3.0576,
0.6998

 47.5560, -23.4451,
6.5284

 54.8860, -0.4368,
0.1000

■ 55.4560, 1.7472,
-0.3999

■ 56.1400, 4.3680,
-0.9998

■ 57.2970, 6.2626,
-2.0145

■ 57.9810, 8.8834,
-2.6143

Harmonies

Analogous

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



52.1730, -12.4103, 13.8803



51.1070, -12.3778, 3.4142



49.1810, -7.9772, -8.0517

Triad

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



51.1070, -12.3778, 3.4142



42.7270, 13.9386, -37.4716



54.2070, 2.8559, 17.3585

Complementary

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



51.1070, -12.3778, 3.4142



29.8930, 12.3778, -3.4142

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.



54.3350, 8.7088, 6.7222



51.1070, -12.3778, 3.4142



47.2600, 15.6478, -25.6610

Square

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



51.1070, -12.3778, 3.4142



41.9460, 8.4076, -36.7866



52.3870, 13.1202, -8.2324



53.6330, -3.2701, 22.2469

Rectangle

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



51.1070, -12.3778, 3.4142



47.6790, -3.2927, -17.2585



52.3870, 13.1202, -8.2324



54.4670, 5.1928, 14.4994

Sweetspot

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



51.1070, -12.3778, 3.4142



69.7460, -4.8048, 1.0998



34.7850, -3.8380, 17.7286



34.6150, -2.7682, 1.2146



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



51.1070, -12.3778, 3.4142



65.2830, -19.3665, 5.0138



47.8070, -10.7509, -5.0927



27.6580, -1.3104, 0.2999



79.7510, -39.3172, 10.7424



189.9250, -93.6330, 25.4988

Inverse Universe

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



29.8930, 12.3778, -3.4142



32.3040, 19.0771, -5.5286



33.1930, 10.7509, 5.0927



25.3420, 1.3104, -0.2999



12.2490, 39.3172, -10.7424



29.6620, 93.3436, -26.0136

Previews

White Background



This preview shows how the YUV color 51.1070, -12.3778, 3.4142 looks on a white background.

Color Contrast Check

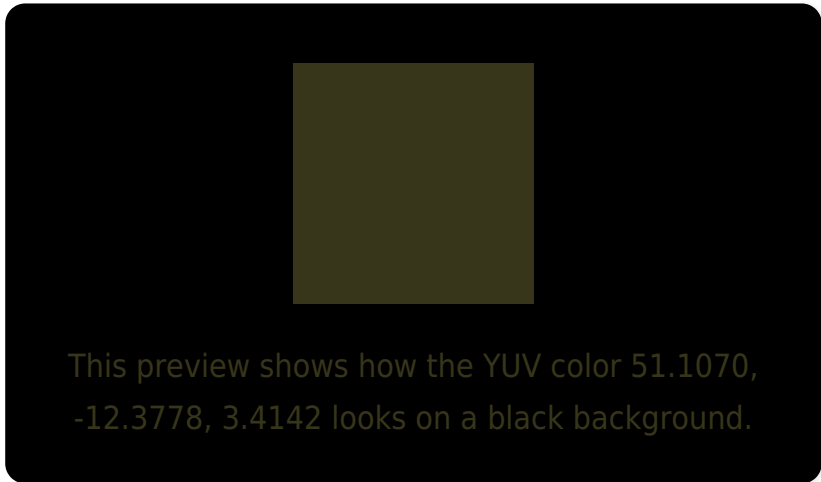
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

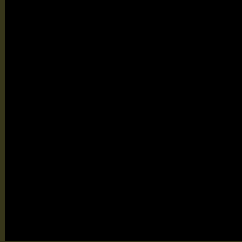
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

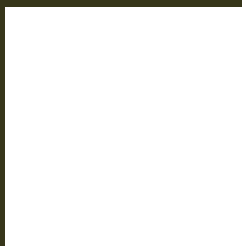
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 51.1070, -12.3778, 3.4142

Background



This preview shows how black text looks on a background with the YUV color 51.1070, -12.3778, 3.4142.

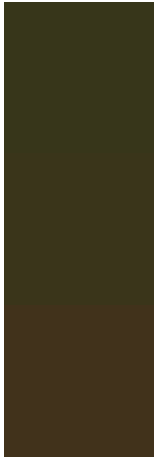


This preview shows how white text looks on a background with the YUV color 51.1070, -12.3778,

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

51.1070, -12.3778, 3.4142

Protanopia

51.4170, -12.5306, 5.7733

Deuteranopia

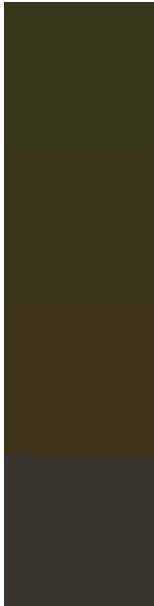
51.8630, -12.2575, 11.5211



Tritanopia

53.5490, 0.7153, 3.9035

Trichromacy



Original Color

51.1070, -12.3778, 3.4142

Protanomaly

51.1180, -12.3832, 5.1585

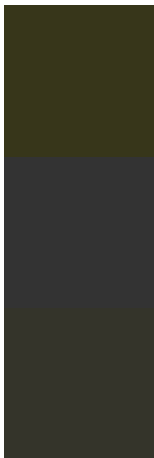
Deuteranomaly

51.2540, -11.9572, 8.5472

Tritanomaly

52.5830, -4.2314, 3.8737

Monochromacy



Original Color

51.1070, -12.3778, 3.4142

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.1070, -12.3778, 3.4142 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(55, 54, 26)` looks like.

```
.text, #text, p{  
    color:rgb(55, 54, 26)  
}
```

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(55, 54, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 54, 26) }
```

Border

The CSS property to change the border of an element to YUV 51.1070, -12.3778, 3.4142 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(55, 54, 26) }
```


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

```
.border{ border-color:rgb(55, 54, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 54, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 54, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 54, 26);  
box-shadow:4px 4px 4px 4px rgb(55, 54, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.1070, -12.3778, 3.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 54, 26) }
```

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

```
.background{ background-color: rgb(55, 54,  
26) }
```

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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