

Converting Colors

YUV(38.1280, 12.7549, 15.6737)

Have a look what the booklet for
YUV(38.1280, 12.7549, 15.6737)
contains.

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Color

**YUV(38.1280, 12.7549,
15.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	381840
RGB	56, 24, 64
RGB Percent	22%, 9%, 25%
CMY	0.7804, 0.9059, 0.7490
CMYK	0.12, 0.62, 0.00, 0.75
HSL	288°, 45%, 17%
HSV	288°, 62%, 25%
XYZ	2.8829, 1.8642, 5.0584
YIQ	38.1280, 6.2320, 19.2240

Conversions

Conversions Part 2

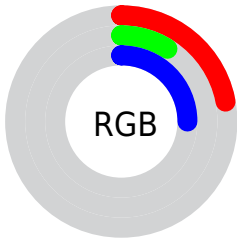
Format	Color
R_YB	56, 24, 64
Decimal	3676224
CIE _{Lab}	14.76, 23.36, -18.87
CIE _{LCh}	15, 30.024, 321.068
Yxy	1.8642, 0.2940, 0.1901
Android (android.graphics.Color)	4281866304 (0xFF381840)
YUV	38.1280, 12.7549, 15.6737
Hunter-Lab	13.6535, 13.7965, -12.4083

Details

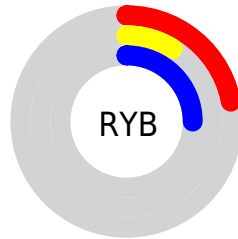
The YUV color **38.1280, 12.7549, 15.6737** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **49.8720, -12.7549, -15.6737**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.3670, 13.6231, 17.2181**, and **2.3940, 9.1728, -2.0995** is the 20% darker color. If you saturate the color by 10%, you get **34.3070, 14.6386, 18.1478**, and if you desaturate by 10%, it is **41.9490, 10.8711, 13.1997**.

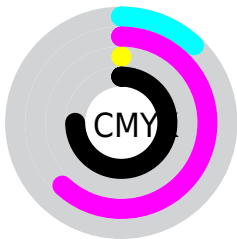
Distribution



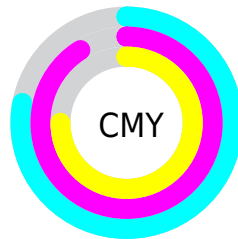
- Red (22%)
- Green (9%)
- Blue (25%)



- Red (22%)
- Yellow (9%)
- Blue (25%)



- Cyan (12%)
- Magenta (62%)
- Yellow (0%)
- Black (75%)



- Cyan (78%)
- Magenta (91%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.1280, 12.7549, 15.6737 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 38.1280, 12.7549, 15.6737 by changing the saturation by 10% instead.

■ 38.1280, 12.7549,
15.6737

■ 38.1280, 12.7549,
15.6737

■ 255.0000, 0.0000,
0.0000

■ 15.5410, 13.0443,
16.1885

■ 84.3670, 13.6231,
17.2181

■ 2.3940, 9.1728,
-2.0995

■ 109.1930, 14.2019,
18.2477

■ 0.0000, 0.0000,
0.0000

■ 134.6060, 14.4912,
18.7625

■ 161.0190, 14.7806,
19.2773

■ 187.8450, 15.3594,
20.3069

■ 216.2580, 15.6488,

20.8217

■ 237.9770, 8.3923,
14.9292

■ 38.1280, 12.7549,
15.6737

■ 38.1280, 12.7549,
15.6737

■ 34.3070, 14.6386,
18.1478

■ 41.9490, 10.8711,
13.1997

■ 29.6000, 16.9592,
20.5218

■ 46.6560, 8.5506,
10.8257

■ 25.7790, 18.8430,
22.9958

■ 50.4770, 6.6668,
8.3517

■ 22.5450, 20.4373,
24.9550

■ 54.8850, 4.4937,
5.3629

■ 58.7060, 2.6099,
2.8888

■ 62.8260, 0.5788,
1.0296

■ 67.2340, -1.5944,
-1.9592

■ 71.0550, -3.4781,
-4.4332

■ 75.7620, -5.7987,
-6.8073

Harmonies

Analogous

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



35.3140, 20.5512, -11.6764



38.1280, 12.7549, 15.6737



35.0500, 4.4124, 31.5282

Triad

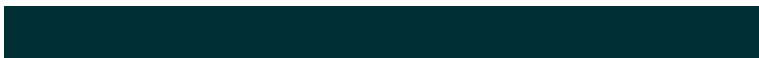
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.1280, 12.7549, 15.6737



35.8050, -17.6519, 15.0800



33.5170, 9.1121, -29.3944

Complementary

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



38.1280, 12.7549, 15.6737



49.8720, -12.7549, -15.6737

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.



30.4220, -0.2080, -26.6801



38.1280, 12.7549, 15.6737



33.6460, -16.5875, 0.3105

Square

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



38.1280, 12.7549, 15.6737



34.7080, -17.1110, 28.3201



27.5940, -11.1388, -20.6919



34.3950, 17.5533, -30.1644

Rectangle

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



38.1280, 12.7549, 15.6737



33.7640, -1.8557, 35.2870



27.5940, -11.1388, -20.6919



32.7190, 6.0545, -28.6946

Sweetspot

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



38.1280, 12.7549, 15.6737



73.7110, 5.0725, 6.3925



33.2560, 15.1568, -8.1175



36.5320, 3.1887, 3.9184



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



38.1280, 12.7549, 15.6737



43.4310, 20.0005, 25.0550



39.1520, 6.3341, 21.7917



30.9400, 1.0156, 0.9296



34.3800, 30.8717, 38.2547



79.3560, 71.3095, 88.2648

Inverse Universe

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



36.8720, -2.4019, 23.7913



41.3190, -3.6083, 37.4312



48.8480, -6.3341, -21.7917



30.8970, -0.4422, 1.8443



31.1690, -5.9993, 57.7338



72.1060, -13.3633, 133.2110

Previews

White Background



This preview shows how the YUV color 38.1280, 12.7549, 15.6737 looks on a white background.

Color Contrast Check

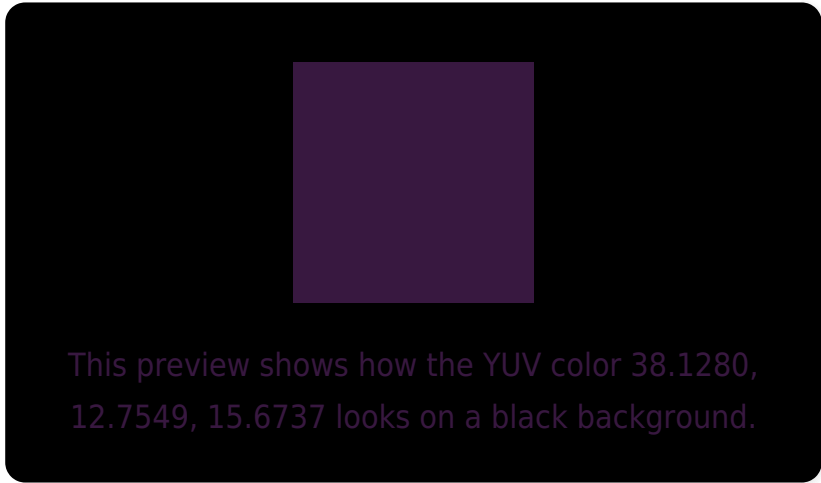
Large Text (above 18pt) WCAG AA ✓ Pass

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

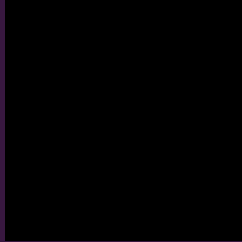
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.1280, 12.7549, 15.6737

Background



This preview shows how black text looks on a background with the YUV color 38.1280, 12.7549, 15.6737.



This preview shows how white text looks on a background with the YUV color 38.1280, 12.7549,

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

38.1280, 12.7549, 15.6737

Protanopia

33.4870, 21.4519, -20.5981

Deuteranopia

36.4360, 12.1101, -10.9064



Tritanopia

38.3220, -1.6377, 11.9956

Trichromacy



Original Color

38.1280, 12.7549, 15.6737

Protanomaly

35.0650, 18.2090, -7.0730

Deuteranomaly

37.2030, 12.2249, -1.0550

Tritanomaly

38.1140, 3.8878, 13.0550

Monochromacy



Original Color

38.1280, 12.7549, 15.6737

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.1840, 4.3463, 5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.1280, 12.7549, 15.6737 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(56, 24, 64)` looks like.

```
.text, #text, p{  
    color:rgb(56, 24, 64)  
}
```

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(56, 24, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 24, 64) }
```

Border

The CSS property to change the border of an element to YUV 38.1280, 12.7549, 15.6737 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(56, 24, 64) }
```


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

```
.border{ border-color:rgb(56, 24, 64) }
```

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

Here you see how a box with a 4 pixel rgb(56, 24, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 24, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 24, 64);  
box-shadow:4px 4px 4px 4px rgb(56, 24, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.1280, 12.7549, 15.6737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 24, 64) }
```

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

```
.background{ background-color: rgb(56, 24,  
64) }
```

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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