

Converting Colors

YUV(26.5380, -12.5902,
24.9612)

Have a look what the booklet for
YUV(26.5380, -12.5902, 24.9612)
contains.

YUV(26.5380, -12.5902, 24.9612)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(26.5380, -12.5902,
24.9612)**

Conversions

Conversions Part 1

Format	Color
Hex	371101
RGB	55, 17, 1
RGB Percent	22%, 7%, 0%
CMY	0.7843, 0.9333, 0.9961
CMYK	0.00, 0.69, 0.98, 0.78
HSL	18°, 96%, 11%
HSV	18°, 98%, 22%
XYZ	1.7815, 1.2153, 0.1694
YIQ	26.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

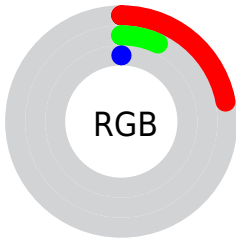
Format	Color
R_{YB}	55, 24, 1
Decimal	3608833
CIE _{Lab}	10.67, 17.86, 15.97
CIE _{LCh}	11, 23.961, 41.809
Yxy	1.2153, 0.5627, 0.3838
Android (android.graphics.Color)	4281798913 (0xFF371101)
YUV	26.5380, -12.5902, 24.9612
Hunter-Lab	11.0241, 9.5530, 6.8058

Details

The YUV color **26.5380, -12.5902, 24.9612** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29.4620, 12.5902, -24.9612**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.6740, -12.1643, 28.3499**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.8370, -12.7376, 25.5760**, and if you desaturate by 10%, it is **29.4560, -11.5638, 22.4021**.

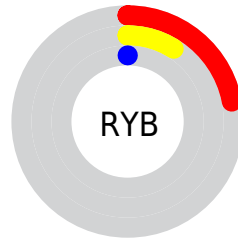
Distribution



Red (22%)

Green (7%)

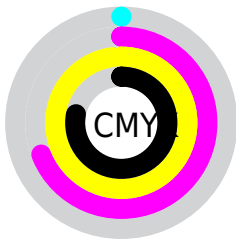
Blue (0%)



Red (22%)

Yellow (9%)

Blue (0%)

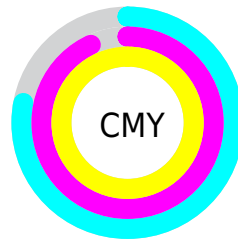


Cyan (0%)

Magenta (69%)

Yellow (98%)

Black (78%)



Cyan (78%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.5380, -12.5902, 24.9612 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 26.5380, -12.5902, 24.9612 by changing the saturation by 10% instead.

■ 26.5380, -12.5902,
24.9612

■ 26.5380, -12.5902,
24.9612

■ 245.3510, -9.0470,
8.4622

■ 9.8670, -4.8644,
20.2876

■ 72.6740, -12.1643,
28.3499

■ 0.0000, 0.0000,
0.0000

■ 96.5710, -12.6065,
30.1942


■ 121.9410,
-13.7749, 31.6237


■ 147.8380,
-14.2171, 33.4681


■ 174.4360,
-14.5119, 34.6976


■ 202.5070,


-15.5330, 35.5124


 225.1360,
-12.8850, 26.1907


 26.5380, -12.5902,
24.9612


 26.5380, -12.5902,
24.9612


 25.8370, -12.7376,
25.5760

 29.4560, -11.5638,
22.4021

 32.4880, -10.1006,
19.7430

 35.4060, -9.0742,
17.1839

 37.8510, -7.3215,
15.0397

 40.7690, -6.2951,
12.4806

■ 43.8010, -4.8319,
9.8215

■ 46.8330, -3.3687,
7.1625

■ 49.7510, -2.3422,
4.6034

■ 52.7830, -0.8790,
1.9443

Harmonies

Analogous

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



27.0080, -1.9759, 27.1800



26.5380, -12.5902, 24.9612



27.5430, -13.5787, 15.3098

Triad

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



26.5380, -12.5902, 24.9612



23.1840, -2.5557, -20.3324



24.8740, 17.8101, -19.1835

Complementary

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



26.5380, -12.5902, 24.9612



29.4620, 12.5902, -24.9612

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.



26.2110, 16.6580, -22.9870



26.5380, -12.5902, 24.9612



25.7090, 4.5805, -22.5468

Square

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



26.5380, -12.5902, 24.9612



24.4430, -12.0504, -8.2815



26.8320, 11.4218, -23.5317



29.7310, 11.4716, 7.2519

Rectangle

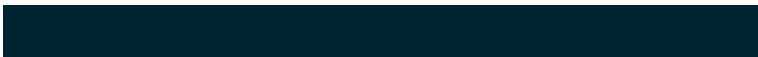
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.5380, -12.5902, 24.9612



27.2000, -13.4096, 7.7176



26.8320, 11.4218, -23.5317



24.5640, 17.9629, -21.5426

Sweetspot

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



26.5380, -12.5902, 24.9612



60.5020, -4.6845, 9.2067



21.5920, 9.0751, 29.2988



29.2350, -3.0739, 5.9329



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.



26.5380, -12.5902, 24.9612



33.5560, -16.5431, 32.8384



41.8000, -20.1144, 11.5764



26.4840, -0.7316, 1.3295



43.3570, -21.3750, 42.6599



103.6360, -51.0925, 101.1742

Inverse Universe

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



29.4620, 12.5902, -24.9612



37.4440, 16.5431, -32.8384



14.2000, 20.1144, -11.5764



26.5160, 0.7316, -1.3295



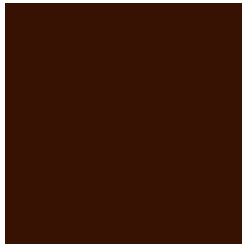
48.6430, 21.3750, -42.6599



115.3640, 51.0925, -101.1742

Previews

White Background



This preview shows how the YUV color 26.5380, -12.5902, 24.9612 looks on a white background.

Color Contrast Check

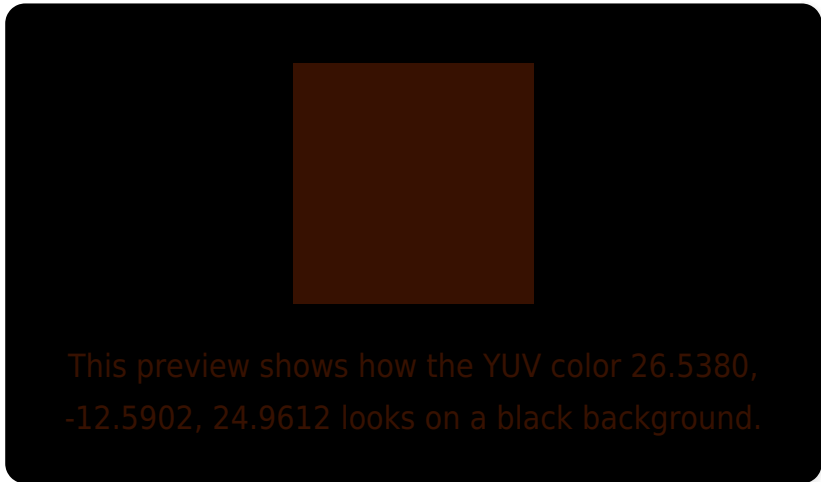
Large Text (above 18pt) WCAG AA ✓ Pass

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

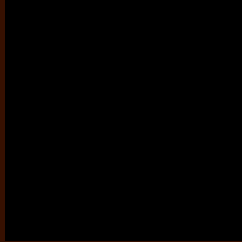
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.5380, -12.5902, 24.9612

Background



This preview shows how black text looks on a background with the YUV color 26.5380, -12.5902, 24.9612.

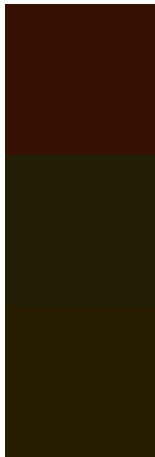


This preview shows how white text looks on a background with the YUV color 26.5380, -12.5902,

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

26.5380, -12.5902, 24.9612

Protanopia

29.0470, -11.3622, 4.3438

Deuteranopia

28.6840, -14.1412, 9.0471



Tritanopia

27.7750, -5.3121, 23.8763

Trichromacy



Original Color

26.5380, -12.5902, 24.9612

Protanomaly

28.2760, -11.9681, 12.0359

Deuteranomaly

28.1300, -13.8681, 14.7950

Tritanomaly

27.0910, -7.9329, 24.4762

Monochromacy



Original Color

26.5380, -12.5902, 24.9612

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.6160, -4.2477, 9.1068

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.5380, -12.5902, 24.9612 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, 17, 1)` looks like.

```
.text, #text, p{  
    color:rgb(55, 17, 1)  
}
```

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, 17, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 17, 1) }
```

Border

The CSS property to change the border of an element to YUV 26.5380, -12.5902, 24.9612 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, 17, 1) }
```


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

```
.border{ border-color:rgb(55, 17, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 17, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 17, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 17, 1); box-shadow:4px  
4px 4px 4px rgb(55, 17, 1) }
```

Background

The CSS property to change the background color of an element to YUV 26.5380, -12.5902, 24.9612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 17, 1) }
```

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

```
.background{ background-color: rgb(55, 17,  
1) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor