

Converting Colors

YUV(26.3570, 12.1490, 23.3659)

Have a look what the booklet for
YUV(26.3570, 12.1490, 23.3659)
contains.

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Color

**YUV(26.3570, 12.1490,
23.3659)**

Conversions

Conversions Part 1	
Format	Color
Hex	350833
RGB	53, 8, 51
RGB Percent	21%, 3%, 20%
CMY	0.7922, 0.9686, 0.8000
CMYK	0.00, 0.85, 0.04, 0.79
HSL	303°, 74%, 12%
HSV	303°, 85%, 21%
XYZ	2.1526, 1.1696, 3.2443
YIQ	26.3570, 13.0170, 22.9130

Conversions

Conversions Part 2

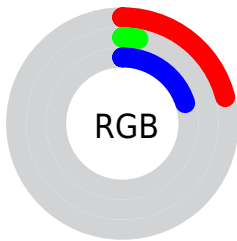
Format	Color
RYB	53, 8, 51
Decimal	3475507
CIELab	10.33, 27.97, -16.61
CIELCh	10, 32.526, 329.301
Yxy	1.1696, 0.3278, 0.1781
Android (android.graphics.Color)	4281665587 (0xFF350833)
YUV	26.3570, 12.1490, 23.3659
Hunter-Lab	10.8146, 16.6034, -10.2160

Details

The YUV color **26.3570, 12.1490, 23.3659** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **34.6430, -12.1490, -23.3659**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.9550, 11.8542, 24.5955**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.4220, 13.5960, 25.9399**, and if you desaturate by 10%, it is **29.2920, 10.7020, 20.7919**.

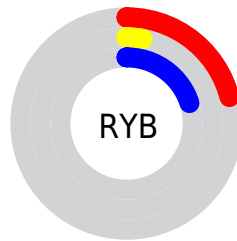
Distribution



Red (21%)

Green (3%)

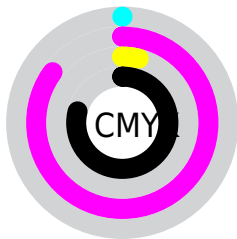
Blue (20%)



Red (21%)

Yellow (3%)

Blue (20%)

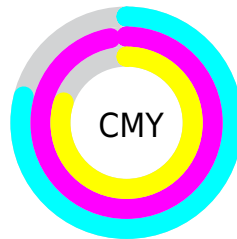


Cyan (0%)

Magenta (85%)

Yellow (4%)

Black (79%)



Cyan (79%)

Magenta (97%)


Yellow (80%)


Brightness & Saturation


Gradients


These gradients show how the YUV color 26.3570, 12.1490, 23.3659 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 26.3570, 12.1490, 23.3659 by changing the saturation by 10% instead.


 26.3570, 12.1490,
23.3659


 26.3570, 12.1490,
23.3659


 245.0210, 4.9196,
8.7516


 13.8850, 7.9447,
18.5179


 73.9550, 11.8542,
24.5955

 0.0000, 0.0000,
0.0000

 97.7810, 12.4330,
25.6251


 123.3790, 12.1382,
26.8546


 149.7920, 12.4275,
27.3694


 176.6180, 13.0063,
28.3990


 204.0310, 13.2957,


28.9138


 228.5850, 13.0226,
23.1660


 26.3570, 12.1490,
23.3659


 26.3570, 12.1490,
23.3659


 23.4220, 13.5960,
25.9399


 29.2920, 10.7020,
20.7919

 21.6610, 14.4641,
27.4843

 32.8140, 8.9657,
17.7031

 35.8630, 7.9555,
15.0291

 38.7980, 6.5086,
12.4552

 42.3200, 4.7722,
9.3664

■ 45.2550, 3.3253,
6.7924

■ 48.3040, 2.3151,
4.1184

■ 51.2390, 0.8682,
1.5444

■ 54.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



27.1300, 19.6559, -4.4990



26.3570, 12.1490, 23.3659



22.8550, 3.5225, 36.9612

Triad

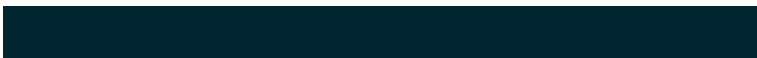
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.3570, 12.1490, 23.3659



26.9120, -13.2676, 8.8472



27.8920, 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.



26.3570, 12.1490, 23.3659



34.6430, -12.1490, -23.3659

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.



25.3840, 0.7967, -22.2618



26.3570, 12.1490, 23.3659



23.8560, -11.7610, -7.7667

Square

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



26.3570, 12.1490, 23.3659



26.1250, -12.8796, 24.4464



21.1320, -10.4181, -18.5328



28.6560, 18.4106, -25.1313

Rectangle

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



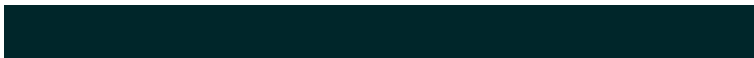
26.3570, 12.1490, 23.3659



20.9170, -3.9031, 38.6608



21.1320, -10.4181, -18.5328



27.0940, 7.3487, -23.7614

Sweetspot

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



26.3570, 12.1490, 23.3659



58.9070, 4.4828, 8.8516



13.4290, 19.5085, -3.8842



29.4290, 2.7465, 5.7628



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.



26.3570, 12.1490, 23.3659



28.1550, 18.6576, 35.8211



23.8490, 2.5394, 25.5654



24.1250, 0.4314, 1.6444



36.3010, 24.0086, 46.2170



88.4810, 58.4299, 112.7112

Inverse Universe

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



26.3570, 12.1490, 23.3659



28.1550, 18.6576, 35.8211



37.1510, -2.5394, -25.5654



24.1250, 0.4314, 1.6444



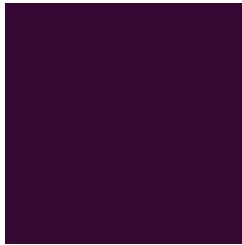
36.3010, 24.0086, 46.2170



88.4810, 58.4299, 112.7112

Previews

White Background



This preview shows how the YUV color 26.3570, 12.1490, 23.3659 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 26.3570, 12.1490, 23.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

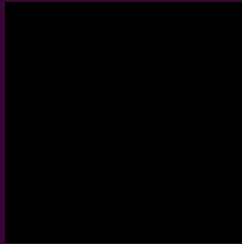
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.3570, 12.1490, 23.3659

Background



This preview shows how black text looks on a background with the YUV color 26.3570, 12.1490, 23.3659.



This preview shows how white text looks on a background with the YUV color 26.3570, 12.1490,

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

26.3570, 12.1490, 23.3659

Protanopia

24.7920, 18.8365, -21.7426

Deuteranopia





29.9480, 8.8996, -7.8474




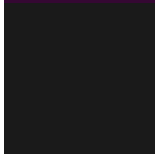
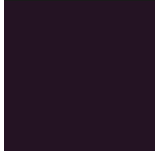
Tritanopia

29.7850, -3.8380, 17.7286

Trichromacy

	Original Color 26.3570, 12.1490, 23.3659
	Protanomaly 25.3210, 16.6037, -5.5435
	Deuteranomaly 28.9540, 9.8827, 3.5483
	Tritanomaly 28.4030, 2.2663, 19.8176

Monochromacy

	Original Color 26.3570, 12.1490, 23.3659
	Achromatopsia 26.0000, 0.0000, 0.0000
	Achromatomaly 25.9070, 4.4828, 8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.3570, 12.1490, 23.3659 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, 8, 51)` looks like.

```
.text, #text, p{  
    color:rgb(53, 8, 51)  
}
```

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, 8, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 8, 51) }
```

Border

The CSS property to change the border of an element to YUV 26.3570, 12.1490, 23.3659 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, 8, 51) }
```


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

```
.border{ border-color:rgb(53, 8, 51) }
```

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

Here you see how a box with a 4 pixel rgb(53, 8, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 8, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(53, 8, 51); box-shadow:4px  
4px 4px 4px rgb(53, 8, 51) }
```

Background

The CSS property to change the background color of an element to YUV 26.3570, 12.1490, 23.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 8, 51) }
```

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

```
.background{ background-color: rgb(53, 8,  
51) }
```

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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