

# Converting Colors

YUV(26.9210, 16.8009, 24.6253)

Have a look what the booklet for  
YUV(26.9210, 16.8009, 24.6253)  
contains.

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# Color

**YUV(26.9210, 16.8009,  
24.6253)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	37063D
RGB	55, 6, 61
RGB Percent	22%, 2%, 24%
CMY	0.7843, 0.9765, 0.7608
CMYK	0.10, 0.90, 0.00, 0.76
HSL	293°, 82%, 13%
HSV	293°, 90%, 24%
XYZ	2.4830, 1.2794, 4.5310
YIQ	26.9210, 11.5490, 27.4930

# Conversions

## Conversions Part 2

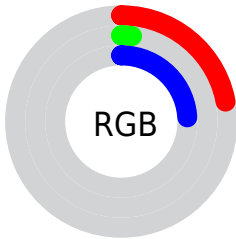
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">55, 6, 61</a>
Decimal	<a href="#">3606077</a>
CIELab	<a href="#">11.13, 31.42, -22.53</a>
CIElCh	<a href="#">11, 38.660, 324.355</a>
Yxy	<a href="#">1.2794, 0.2994, 0.1543</a>
Android (android.graphics.Color)	<a href="#">4281796157 (0xFF37063D)</a>
YUV	<a href="#">26.9210, 16.8009, 24.6253</a>
Hunter-Lab	<a href="#">11.3110, 19.3897, -15.8326</a>

# Details

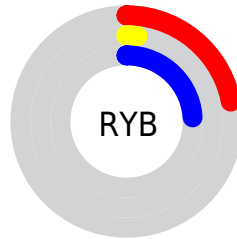
The YUV color **26.9210, 16.8009, 24.6253** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **40.0790, -16.8009, -24.6253**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.2200, 16.6535, 25.2401**, and **2.4110, 6.6994, -2.1144** is the 20% darker color. If you saturate the color by 10%, you get **23.1000, 18.6847, 27.0993**, and if you desaturate by 10%, it is **30.7420, 14.9172, 22.1513**.

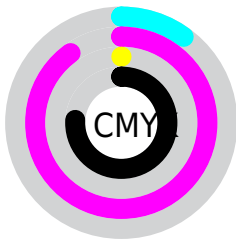
# Distribution



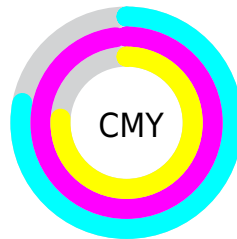
- Red (22%)
- Green (2%)
- Blue (24%)



- Red (22%)
- Yellow (2%)
- Blue (24%)



- Cyan (10%)
- Magenta (90%)
- Yellow (0%)
- Black (76%)



- Cyan (78%)
- Magenta (98%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 26.9210, 16.8009, 24.6253 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 26.9210, 16.8009, 24.6253 by changing the saturation by 10% instead.



■ 26.9210, 16.8009,  
24.6253

■ 26.9210, 16.8009,  
24.6253

■ 245.0210, 4.9196,  
8.7516

■ 15.2100, 11.7285,  
18.2328

■ 75.2200, 16.6535,  
25.2401

■ 2.4110, 6.6994,  
-2.1144

■ 99.9320, 16.7955,  
26.3696

■ 0.0000, 0.0000,  
0.0000


■ 125.7580, 17.3743,  
27.3992


■ 152.1710, 17.6637,  
27.9140


■ 178.9970, 18.2425,  
28.9436


■ 206.7090, 18.3845,


30.0732


 228.5850, 13.0226,  
23.1660


 26.9210, 16.8009,  
24.6253

 26.9210, 16.8009,  
24.6253


 23.1000, 18.6847,  
27.0993

 30.7420, 14.9172,  
22.1513

 34.2640, 13.1808,  
19.0625

 38.0850, 11.2971,  
16.5885

 41.9060, 9.4133,  
14.1144

 46.0150, 7.3876,  
10.5108

■ 49.8360, 5.5039,  
8.0368

■ 53.6570, 3.6201,  
5.5628

■ 57.1790, 1.8838,  
2.4740

■ 61.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



24.2790, 26.9775, -19.5387



26.9210, 16.8009, 24.6253



25.6320, 5.1114, 40.6647

# Triad

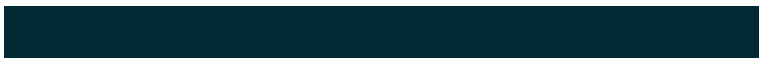
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.9210, 16.8009, 24.6253



28.7060, -14.1521, 12.5358



29.8810, 10.4117, -26.2056

# Complementary

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



26.9210, 16.8009, 24.6253



40.0790, -16.8009, -24.6253

# 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.



26.8030, -1.3819, -23.5062



26.9210, 16.8009, 24.6253



25.6280, -12.6346, -7.5668

# Square

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



26.9210, 16.8009, 24.6253



25.8700, -12.7539, 30.8090



22.8930, -11.2862, -20.0772



31.2150, 20.6000, -27.3756



# Rectangle

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



26.9210, 16.8009, 24.6253



24.1780, -3.0458, 43.6939



22.8930, -11.2862, -20.0772



28.8550, 6.4805, -25.3058

# Sweetspot

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



26.9210, 16.8009, 24.6253



66.0750, 6.3720, 9.5812



15.7920, 22.2875, -8.5876



32.7710, 4.0569, 5.4628



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000



# Same Dimension

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



26.9210, 16.8009, 24.6253



29.9360, 24.1886, 35.1361



26.3210, 6.7437, 30.4135



28.9400, 1.0156, 0.9296



35.8320, 28.6768, 42.2433



84.5100, 67.7826, 99.5307



# Inverse Universe

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



23.1290, -5.4866, 33.2129



24.6470, -7.7140, 47.6676



40.6790, -6.7437, -30.4135



28.8970, -0.4422, 1.8443



29.2460, -9.4883, 56.7893

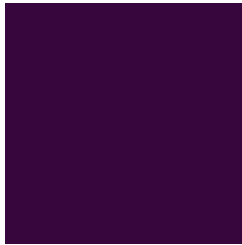


69.1140, -22.2412, 134.0810



# Previews

## White Background



This preview shows how the YUV color 26.9210, 16.8009, 24.6253 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

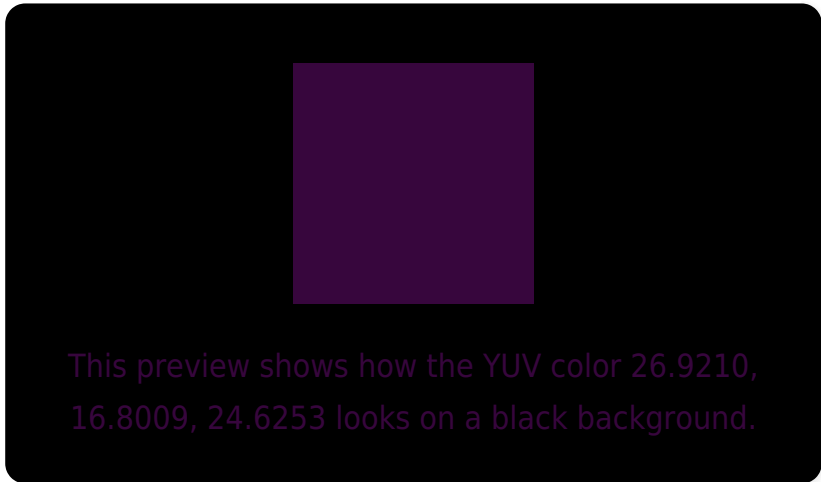
Any Text WCAG AA ✓ Pass

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

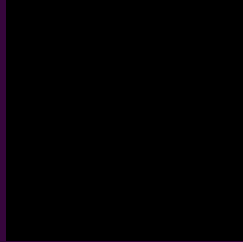
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 26.9210, 16.8009, 24.6253

## Background



This preview shows how black text looks on a background with the YUV color 26.9210, 16.8009, 24.6253.



This preview shows how white text looks on a background with the YUV color 26.9210, 16.8009,



# 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

26.9210, 16.8009, 24.6253

### Protanopia

26.4220, 20.0050, -23.1721

### Deuteranopia

29.1580, 13.7261, -15.9246



## Tritanopia

32.3010, -3.1064, 16.3990

# Trichromacy



## Original Color

26.9210, 16.8009, 24.6253

## Protanomaly

26.8910, 18.7877, -6.0434

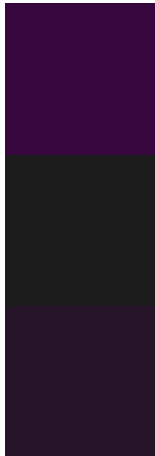
## Deuteranomaly

28.1860, 14.6983, -1.0401

## Tritanomaly

29.9730, 4.4503, 19.3177

# Monochromacy



## Original Color

26.9210, 16.8009, 24.6253

## Achromatopsia

27.0000, 0.0000, 0.0000

## Achromatomaly

26.6620, 6.0826, 9.0664

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 26.9210, 16.8009, 24.6253 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, 6, 61)` looks like.

```
.text, #text, p{  
    color:rgb(55, 6, 61)  
}
```

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, 6, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 6, 61) }
```

## Border

The CSS property to change the border of an element to YUV 26.9210, 16.8009, 24.6253 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, 6, 61) }
```



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

```
.border{ border-color:rgb(55, 6, 61) }
```

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

Here you see how a box with a 4 pixel rgb(55, 6, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 6, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 6, 61); box-shadow:4px  
4px 4px 4px rgb(55, 6, 61) }
```

# Background

The CSS property to change the background color of an element to YUV 26.9210, 16.8009, 24.6253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 6, 61) }
```

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

```
.background{ background-color: rgb(55, 6,  
61) }
```

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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