

Converting Colors

YUV(66.6870, 28.2553, -9.3725)

Have a look what the booklet for
YUV(66.6870, 28.2553, -9.3725)
contains.

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Color

**YUV(66.6870, 28.2553,
-9.3725)**

Conversions

Conversions Part 1

Format	Color
Hex	383D7C
RGB	56, 61, 124
RGB Percent	22%, 24%, 49%
CMY	0.7804, 0.7608, 0.5137
CMYK	0.55, 0.51, 0.00, 0.51
HSL	236°, 38%, 35%
HSV	236°, 55%, 49%
XYZ	6.9377, 5.6335, 19.7905
YIQ	66.6870, -23.2030, 18.5330

Conversions

Conversions Part 2

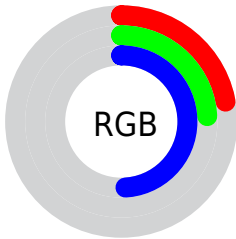
Format	Color
R_{YB}	56, 61, 124
Decimal	3685756
CIE _{Lab}	28.47, 17.29, -36.62
CIE _{LCh}	28, 40.496, 295.268
Yxy	5.6335, 0.2144, 0.1741
Android (android.graphics.Color)	4281875836 (0xFF383D7C)
YUV	66.6870, 28.2553, -9.3725
Hunter-Lab	23.7349, 10.6394, -32.8223

Details

The YUV color $[66.6870, 28.2553, -9.3725]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[113.3130, -28.2553, 9.3725]$, and the grayscale version is $[66.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[115.8660, 30.1391, -6.8985]$, and $[19.5890, 26.8246, -17.1796]$ is the 20% darker color. If you saturate the color by 10%, you get $[56.6420, 33.2075, -11.0870]$, and if you desaturate by 10%, it is $[76.7320, 23.3031, -7.6580]$.

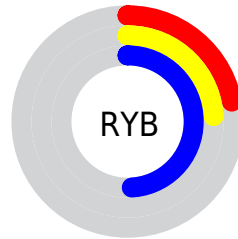
Distribution



Red (22%)

Green (24%)

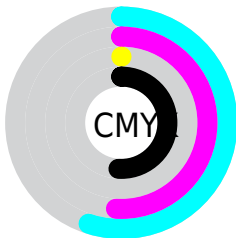
Blue (49%)



Red (22%)

Yellow (24%)

Blue (49%)

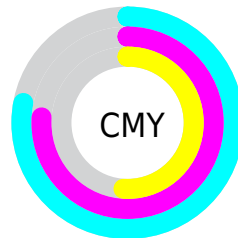


Cyan (55%)

Magenta (51%)

Yellow (0%)

Black (51%)



Cyan (78%)

Magenta (76%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.6870, 28.2553, -9.3725 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 66.6870, 28.2553, -9.3725 by changing the saturation by 10% instead.

■ 66.6870, 28.2553,
-9.3725

■ 66.6870, 28.2553,
-9.3725

■ 255.0000, 0.0000,
0.0000

■ 42.8500, 27.6820,
-12.1464

■ 115.8660, 30.1391,
-6.8985

■ 19.5890, 26.8246,
-17.1796

■ 142.3930, 30.8653,
-6.4837

■ 5.8140, 22.2767,
-5.0989

■ 168.9200, 31.5914,
-6.0688

■ 4.4800, 12.0884,
-3.9290

■ 195.6490, 29.2600,
-4.9542

■ 0.0000, 0.0000,
0.0000

■ 220.1690, 17.1717,
-1.0252

■ 245.8630, 4.5045,

1.8741

■ 66.6870, 28.2553,
-9.3725

■ 66.6870, 28.2553,
-9.3725

■ 56.6420, 33.2075,
-11.0870

■ 76.7320, 23.3031,
-7.6580

■ 45.7110, 38.5965,
-12.9015

■ 87.6630, 17.9141,
-5.8435

■ 35.6660, 43.5487,
-14.6161

■ 97.7080, 12.9620,
-4.1289

■ 24.7350, 48.9376,
-16.4306

■ 108.6390, 7.5730,
-2.3144

■ 19.4190, 51.5584,
-17.0305

■ 118.6840, 2.6208,
-0.5999

■ 129.3160, -2.6208,
0.5999

■ 139.6600, -7.7204,
2.9292

■ 150.2920,
-12.9620, 4.1289

■ 160.6360,
-18.0615, 6.4582

Harmonies

Analogous

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



57.0840, 35.9476, -50.0627



66.6870, 28.2553, -9.3725



68.6440, 16.9375, 27.4992

Triad

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



66.6870, 28.2553, -9.3725



64.1240, -24.7111, 39.3563



54.5010, 3.2040, -47.7974

Complementary

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



66.6870, 28.2553, -9.3725



113.3130, -28.2553, 9.3725

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.



50.5760, -10.6370, -41.7242



66.6870, 28.2553, -9.3725



63.2820, -31.1980, 19.9237

Square

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



66.6870, 28.2553, -9.3725



63.3870, -10.0508, 50.5266



59.5950, -29.3803, -3.1528



58.1490, 17.1815, -50.9967

Rectangle

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



66.6870, 28.2553, -9.3725



65.6800, 9.0318, 43.2536



59.5950, -29.3803, -3.1528



52.6600, -1.3114, -46.1828

Sweetspot

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



66.6870, 28.2553, -9.3725



139.1380, 10.7780, -3.6290



102.9840, 7.4029, -41.2050



68.4110, 6.6994, -2.1144



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



66.6870, 28.2553, -9.3725



71.1930, 44.2749, -14.2013



72.1240, 25.5749, 10.4153



56.2710, 2.3314, -1.1147



19.5330, 51.9952, -17.1304



39.8810, 104.5747, -34.9756

Inverse Universe

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



76.9020, -7.8397, 41.3049



87.4920, -12.5676, 64.4665



107.8760, -25.5749, -10.4153



56.9080, -0.4476, 3.5887



38.4010, -14.4947, 75.9473



77.5140, -28.8474, 153.0242

Previews

White Background



This preview shows how the YUV color 66.6870, 28.2553, -9.3725 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 66.6870, 28.2553, -9.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

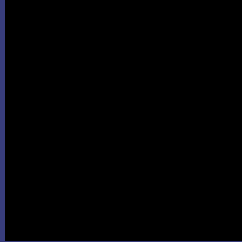
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.6870, 28.2553, -9.3725

Background



This preview shows how black text looks on a background with the YUV color 66.6870, 28.2553, -9.3725.



This preview shows how white text looks on a background with the YUV color 66.6870, 28.2553, -9.3725.

-9.3725.

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

66.6870, 28.2553, -9.3725

Protanopia

62.3150, 32.3827, -26.5863

Deuteranopia

53.7100, 33.1740, -47.1037



Tritanopia

62.8170, 7.4852, -20.8875

Trichromacy



Original Color

66.6870, 28.2553, -9.3725

Protanomaly

64.3050, 30.9086, -20.4385

Deuteranomaly

58.0430, 31.5308, -33.3637

Tritanomaly

64.2010, 15.1839, -16.8393

Monochromacy



Original Color

66.6870, 28.2553, -9.3725

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0240, 10.3412, -3.5290

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.6870, 28.2553, -9.3725 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, 61, 124)` looks like.

```
.text, #text, p{  
  color:rgb(56, 61, 124)  
}
```

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, 61, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 61, 124) }
```

Border

The CSS property to change the border of an element to YUV 66.6870, 28.2553, -9.3725 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, 61, 124) }
```


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

```
.border{ border-color:rgb(56, 61, 124) }
```

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

Here you see how a box with a 4 pixel rgb(56, 61, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 61, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 61, 124);  
box-shadow:4px 4px 4px 4px rgb(56, 61,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 66.6870, 28.2553, -9.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 61, 124) }
```

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

```
.background{ background-color: rgb(56, 61,  
124) }
```

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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