

Converting Colors

YUV(87.3430, 16.5929, -2.0548)

Have a look what the booklet for
YUV(87.3430, 16.5929, -2.0548)
contains.

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Color

**YUV(87.3430, 16.5929,
-2.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	555279
RGB	85, 82, 121
RGB Percent	33%, 32%, 47%
CMY	0.6667, 0.6784, 0.5255
CMYK	0.30, 0.32, 0.00, 0.53
HSL	245°, 19%, 40%
HSV	245°, 32%, 47%
XYZ	10.2148, 9.3464, 19.3548
YIQ	87.3430, -10.7310, 12.7650

Conversions

Conversions Part 2

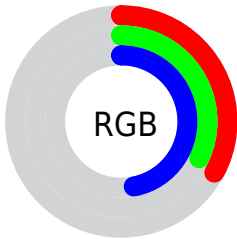
Format	Color
R_{YB}	85, 82, 121
Decimal	5591673
CIE _{Lab}	36.64, 10.81, -21.69
CIE _{LCh}	37, 24.236, 296.496
Yxy	9.3464, 0.2625, 0.2402
Android (android.graphics.Color)	4283781753 (0xFF555279)
YUV	87.3430, 16.5929, -2.0548
Hunter-Lab	30.5718, 6.1406, -16.1358

Details

The YUV color $[87.3430, 16.5929, -2.0548]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[115.6570, -16.5929, 2.0548]$, and the grayscale version is $[87.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[137.3970, 18.0453, -1.2252]$, and $[41.2890, 15.1405, -2.8845]$ is the 20% darker color. If you saturate the color by 10%, you get $[77.0100, 21.6871, -2.6398]$, and if you desaturate by 10%, it is $[97.6760, 11.4987, -1.4699]$.

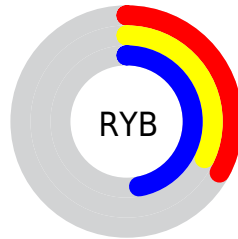
Distribution



Red (33%)

Green (32%)

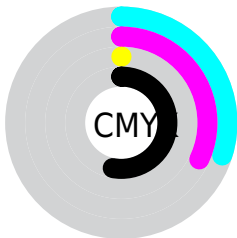
Blue (47%)



Red (33%)

Yellow (32%)

Blue (47%)

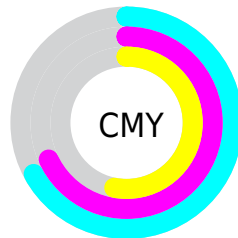


Cyan (30%)

Magenta (32%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (68%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3430, 16.5929, -2.0548 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 87.3430, 16.5929, -2.0548 by changing the saturation by 10% instead.

87.3430, 16.5929,
-2.0548

87.3430, 16.5929,
-2.0548

255.0000, 0.0000,
0.0000

63.8160, 15.8667,
-2.4696

137.3970, 18.0453,
-1.2252

41.2890, 15.1405,
-2.8845

163.5110, 18.4821,
-1.3251

20.0500, 14.2724,
-4.4288

190.6250, 18.9189,
-1.4251

4.3660, 11.6516,
-3.8290

218.3970, 18.0453,
-1.2252

0.0000, 0.0000,
0.0000

243.5040, 5.6675,
2.1890

■ 87.3430, 16.5929,
-2.0548

■ 87.3430, 16.5929,
-2.0548

■ 77.0100, 21.6871,
-2.6398

■ 97.6760, 11.4987,
-1.4699

■ 66.6770, 26.7812,
-3.2247

■ 108.0090, 6.4046,
-0.8849

■ 56.0450, 32.0228,
-4.4245

■ 118.6410, 1.1630,
0.3148

■ 45.7120, 37.1170,
-5.0094

■ 128.9740, -3.9312,
0.8998

■ 35.3790, 42.2112,
-5.5944

■ 139.3070, -9.0254,
1.4848

■ 24.4590, 47.5947,
-5.6645


■ 150.2270,
-14.4089, 1.5549

■ 16.4850, 51.5259,
-6.5643

■ 160.5600,
-19.5031, 2.1399

■ 170.8930,

-24.5972, 2.7248

 181.5250,
-29.8388, 3.9246

Harmonies

Analogous

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



82.3400, 21.0314, -25.7312



87.3430, 16.5929, -2.0548



88.9280, 9.4025, 17.6031

Triad

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



87.3430, 16.5929, -2.0548



86.0390, -15.7952, 26.2758



74.7840, 4.0505, -39.2756

Complementary

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



87.3430, 16.5929, -2.0548



115.6570, -16.5929, 2.0548

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.



79.8160, -7.7973, -19.1326



87.3430, 16.5929, -2.0548



84.8650, -18.6674, 14.1504

Square

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



87.3430, 16.5929, -2.0548



87.3200, -8.5388, 32.1684



82.8630, -15.7085, -1.6339



68.0940, 17.2087, -59.7184

Rectangle

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



87.3430, 16.5929, -2.0548



88.4900, 3.7024, 25.8803



82.8630, -15.7085, -1.6339



76.9760, -0.4812, -32.4280

Sweetspot

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



87.3430, 16.5929, -2.0548



144.4220, 6.6940, -0.3701



107.5780, 6.6170, -22.4319



71.0260, 3.9312, -0.8998



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



87.3430, 16.5929, -2.0548



104.5630, 26.3444, -3.1248



93.0240, 13.7922, 9.6260



55.9830, 2.4734, 0.0149



17.2400, 53.1257, -6.3495



34.4090, 107.2724, -13.5137

Inverse Universe

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



97.7650, 9.9759, 20.3771



121.0360, 15.7583, 32.4174



109.9760, -13.7922, -9.6260



57.4780, 1.7363, 3.0888



50.4850, 31.8059, 65.3497



101.9100, 64.6274, 131.6289

Previews

White Background



This preview shows how the YUV color 87.3430, 16.5929, -2.0548 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 87.3430, 16.5929, -2.0548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

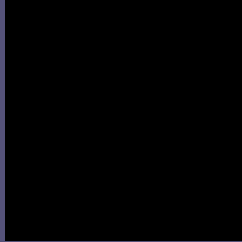
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3430, 16.5929, -2.0548

Background



This preview shows how black text looks on a background with the YUV color 87.3430, 16.5929, -2.0548.



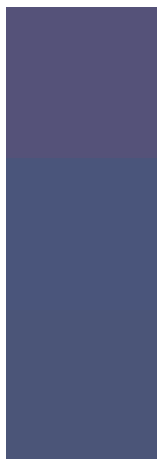
This preview shows how white text looks on a background with the YUV color 87.3430, 16.5929,

-2.0548.

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

87.3430, 16.5929, -2.0548

Protanopia

86.0430, 18.2198, -10.5617

Deuteranopia

86.0000, 16.7620, -9.6470



Tritanopia

85.4060, 4.2368, -5.6181

Trichromacy



Original Color

87.3430, 16.5929, -2.0548

Protanomaly

86.5380, 17.4828, -7.4878

Deuteranomaly

86.6090, 16.4618, -6.6731

Tritanomaly

85.9700, 8.8888, -4.3587

Monochromacy



Original Color

87.3430, 16.5929, -2.0548

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8950, 5.9678, -0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3430, 16.5929, -2.0548 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(85, 82, 121)` looks like.

```
.text, #text, p{  
    color:rgb(85, 82, 121)  
}
```

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(85, 82, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 82, 121) }
```

Border

The CSS property to change the border of an element to YUV 87.3430, 16.5929, -2.0548 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(85, 82, 121) }
```


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

```
.border{ border-color:rgb(85, 82, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 82, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 82, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 82, 121);  
box-shadow:4px 4px 4px 4px rgb(85, 82,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 87.3430, 16.5929, -2.0548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 82, 121) }
```

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

```
.background{ background-color: rgb(85, 82,  
121) }
```

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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