

Converting Colors

YUV(26.5840, 31.2641, 5.6268)

Have a look what the booklet for
YUV(26.5840, 31.2641, 5.6268)
contains.

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Color

**YUV(26.5840, 31.2641,
5.6268)**

Conversions

Conversions Part 1

Format	Color
Hex	210B5A
RGB	33, 11, 90
RGB Percent	13%, 4%, 35%
CMY	0.8706, 0.9569, 0.6471
CMYK	0.63, 0.88, 0.00, 0.65
HSL	257°, 78%, 20%
HSV	257°, 88%, 35%
XYZ	2.5923, 1.3009, 9.7873
YIQ	26.5840, -12.2470, 29.2330

Conversions

Conversions Part 2

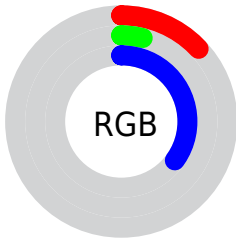
Format	Color
R_{YB}	33, 11, 90
Decimal	2165594
CIE _{Lab}	11.28, 32.91, -42.55
CIE _{LCh}	11, 53.797, 307.720
Yxy	1.3009, 0.1895, 0.0951
Android (android.graphics.Color)	4280355674 (0xFF210B5A)
YUV	26.5840, 31.2641, 5.6268
Hunter-Lab	11.4055, 20.6111, -42.8941

Details

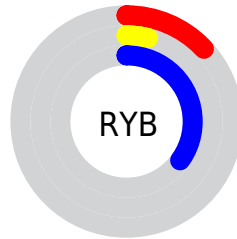
The YUV color **26.5840, 31.2641, 5.6268** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **74.4160, -31.2641, -5.6268**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.6600, 32.7056, 9.9452**, and **6.6630, 17.9141, -5.8435** is the 20% darker color. If you saturate the color by 10%, you get **19.5070, 34.7530, 6.5714**, and if you desaturate by 10%, it is **33.6610, 27.7751, 4.6823**.

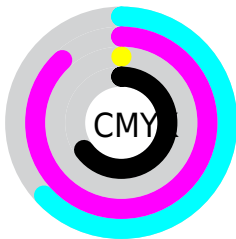
Distribution



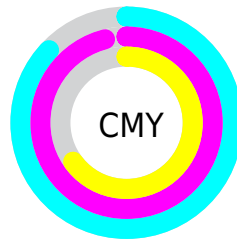
- Red (13%)
- Green (4%)
- Blue (35%)



- Red (13%)
- Yellow (4%)
- Blue (35%)



- Cyan (63%)
- Magenta (88%)
- Yellow (0%)
- Black (65%)



- Cyan (87%)
- Magenta (96%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.5840, 31.2641, 5.6268 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 26.5840, 31.2641, 5.6268 by changing the saturation by 10% instead.

■ 26.5840, 31.2641,
5.6268

■ 26.5840, 31.2641,
5.6268

■ 246.1950, 4.3409,
7.7220

■ 10.2150, 27.5020,
-1.0656

■ 74.6600, 32.7056,
9.9452

■ 6.6630, 17.9141,
-5.8435

■ 99.6000, 33.7212,
10.8748

■ 2.9810, 8.8834,
-2.6143

■ 125.4260, 34.3000,
11.9044


■ 0.0000, 0.0000,
0.0000


■ 151.7790, 35.6050,
13.3488


■ 179.1920, 35.8943,
13.8636


■ 203.7550, 25.2638,


16.8779


 229.1610, 12.7386,
20.9068


 26.5840, 31.2641,
5.6268


 26.5840, 31.2641,
5.6268


 19.5070, 34.7530,
6.5714


 33.6610, 27.7751,
4.6823

 17.7350, 35.6266,
6.3714

 41.0370, 24.1388,
4.3526

 48.1140, 20.6498,
3.4080

 55.4900, 17.0134,
3.0783

 62.5670, 13.5245,
2.1337

■ 69.9430, 9.8881,
1.8040

■ 77.0200, 6.3991,
0.8595

■ 84.3960, 2.7628,
0.5297

■ 91.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



32.0420, 36.4613, -28.1008



26.5840, 31.2641, 5.6268



29.7490, 14.4207, 41.4391

Triad

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



26.5840, 31.2641, 5.6268



27.3320, -13.4747, 28.6498



30.2740, 4.3019, -26.5503

Complementary

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



26.5840, 31.2641, 5.6268



74.4160, -31.2641, -5.6268

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.



25.2410, -12.4438, -22.1364



26.5840, 31.2641, 5.6268



27.7540, -13.6827, 1.9697

Square

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



26.5840, 31.2641, 5.6268



23.9200, -11.7926, 49.1822



22.8930, -11.2862, -20.0772



34.9650, 19.7373, -30.6643

Rectangle

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



26.5840, 31.2641, 5.6268



30.0030, 2.4635, 49.9864



22.8930, -11.2862, -20.0772



28.7920, -1.3765, -25.2506

Sweetspot

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



26.5840, 31.2641, 5.6268



92.8120, 11.9247, 1.9189



54.0520, 17.7224, -37.7566



43.9600, 7.4147, 1.7891



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



26.5840, 31.2641, 5.6268



23.2050, 46.2409, 8.5902



38.2450, 25.5152, 29.6031



42.1680, 1.8892, 0.7297



21.8090, 43.4782, 8.0605



46.7520, 93.7923, 16.8805

Inverse Universe

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



41.1190, 13.2523, 42.8686



44.6730, 19.8812, 63.4308



62.7550, -25.5152, -29.6031



42.9510, 1.0102, 2.6740



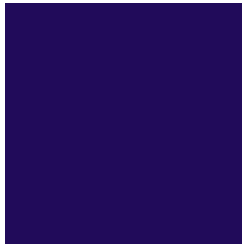
41.8960, 18.2923, 59.7272



90.3570, 39.7570, 128.6059

Previews

White Background



This preview shows how the YUV color 26.5840, 31.2641, 5.6268 looks on a white background.

Color Contrast Check

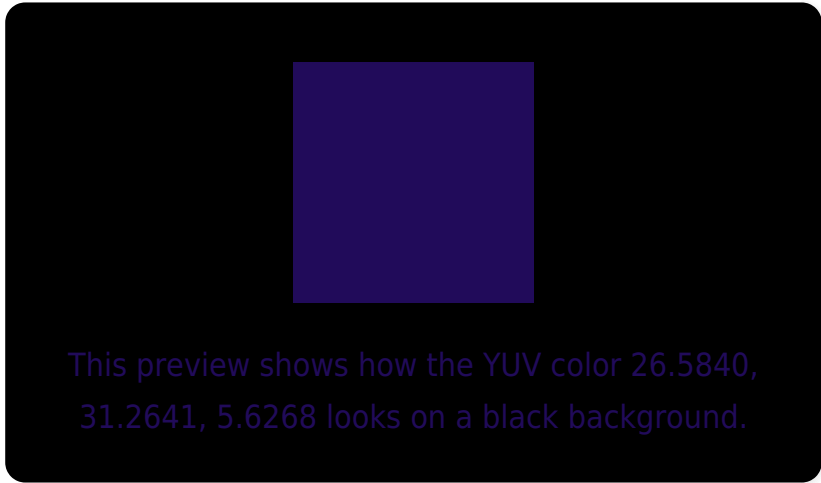
Large Text (above 18pt) WCAG AA ✓ Pass

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

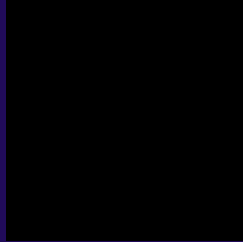
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.5840, 31.2641, 5.6268

Background



This preview shows how black text looks on a background with the YUV color 26.5840, 31.2641, 5.6268.



This preview shows how white text looks on a background with the YUV color 26.5840, 31.2641,

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

26.5840, 31.2641, 5.6268

Protanopia

25.6070, 19.4207, -22.4573

Deuteranopia

25.6410, 14.4740, -22.4872



Tritanopia

25.4640, 6.1802, -22.3319

Trichromacy



Original Color

26.5840, 31.2641, 5.6268

Protanomaly

26.1120, 23.6088, -12.3762

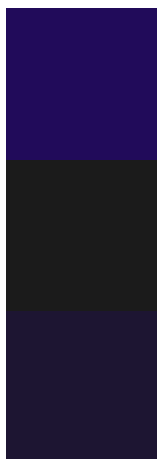
Deuteranomaly

26.0150, 20.6986, -12.2912

Tritanomaly

25.9350, 15.3150, -12.2210

Monochromacy



Original Color

26.5840, 31.2641, 5.6268

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.6980, 11.4879, 2.0189

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.5840, 31.2641, 5.6268 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(33, 11, 90)` looks like.

```
.text, #text, p{  
    color:rgb(33, 11, 90)  
}
```

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(33, 11, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 11, 90) }
```

Border

The CSS property to change the border of an element to YUV 26.5840, 31.2641, 5.6268 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(33, 11, 90) }
```


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

```
.border{ border-color:rgb(33, 11, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 11, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 11, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 11, 90);  
box-shadow:4px 4px 4px 4px rgb(33, 11, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 26.5840, 31.2641, 5.6268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 11, 90) }
```

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

```
.background{ background-color: rgb(33, 11,  
90) }
```

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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