

Converting Colors

YUV(28.5110, 18.4821, -1.3251)

Have a look what the booklet for
YUV(28.5110, 18.4821, -1.3251)
contains.

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Color

**YUV(28.5110, 18.4821,
-1.3251)**

Conversions

Conversions Part 1

Format	Color
Hex	1B1642
RGB	27, 22, 66
RGB Percent	11%, 9%, 26%
CMY	0.8941, 0.9137, 0.7412
CMYK	0.59, 0.67, 0.00, 0.74
HSL	247°, 50%, 17%
HSV	247°, 67%, 26%
XYZ	1.7223, 1.2002, 5.2951
YIQ	28.5110, -11.1440, 14.7440

Conversions

Conversions Part 2

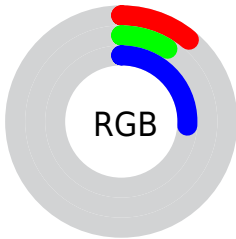
Format	Color
R_{YB}	27, 22, 66
Decimal	1775170
CIE _{Lab}	10.56, 16.85, -27.21
CIE _{LCh}	11, 32.006, 301.769
Yxy	1.2002, 0.2096, 0.1460
Android (android.graphics.Color)	4279965250 (0xFF1B1642)
YUV	28.5110, 18.4821, -1.3251
Hunter-Lab	10.9553, 8.8902, -20.9887




Details

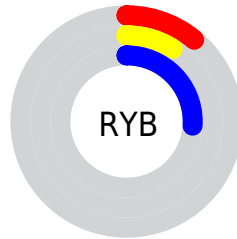
The YUV color **28.5110, 18.4821, -1.3251** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **59.4890, -18.4821, 1.3251**, and the grayscale version is **28.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **73.5760, 19.9290, 1.2488**, and **3.0950, 9.3202, -2.7143** is the 20% darker color. If you saturate the color by 10%, you get **22.6080, 21.3923, -1.4102**, and if you desaturate by 10%, it is **34.4140, 15.5719, -1.2401**.

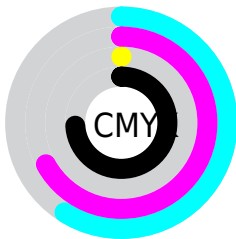
Distribution







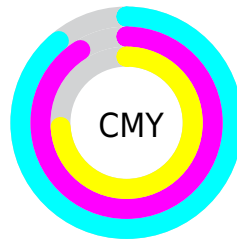
-  Red (11%)
-  Green (9%)
-  Blue (26%)






-  Red (11%)
-  Yellow (9%)
-  Blue (26%)



-  Cyan (59%)
-  Magenta (67%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (89%)
-  Magenta (91%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.5110, 18.4821, -1.3251 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 28.5110, 18.4821, -1.3251 by changing the saturation by 10% instead.

■ 28.5110, 18.4821,
-1.3251

■ 28.5110, 18.4821,
-1.3251

■ 250.8910, 2.0257,
3.6036

■ 7.4080, 18.0399,
0.5192

■ 73.5760, 19.9290,
1.2488

■ 3.0950, 9.3202,
-2.7143

■ 97.5160, 20.9446,
2.1785

■ 0.0000, 0.0000,
0.0000

■ 122.7440, 21.8182,
1.9785

■ 148.5700, 22.3970,
3.0081

■ 175.0970, 23.1232,
3.4229

■ 203.2110, 23.5600,

3.3230

■ 227.8880, 13.3662,
6.2372

■ 28.5110, 18.4821,
-1.3251

■ 28.5110, 18.4821,
-1.3251

■ 22.6080, 21.3923,
-1.4102

■ 34.4140, 15.5719,
-1.2401

■ 17.2920, 24.0130,
-2.0101

■ 39.7300, 12.9511,
-0.6402

■ 11.3890, 26.9232,
-2.0952

■ 45.6330, 10.0409,
-0.5551

■ 9.6170, 27.7968,
-2.2951

■ 50.6500, 7.5676,
-0.5700

■ 56.5530, 4.6574,
-0.4850

■ 62.4560, 1.7472,
-0.3999

■ 67.7720, -0.8736,
0.2000

■ 73.6750, -3.7838,
0.2850

■ 78.9910, -6.4046,
0.8849

Harmonies

Analogous

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



26.5190, 22.9151, -23.2572



28.5110, 18.4821, -1.3251



26.8410, 11.4174, 24.6954

Triad

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



28.5110, 18.4821, -1.3251



27.0000, -13.3110, 22.8020



26.1990, 1.3809, -22.9765

Complementary

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



28.5110, 18.4821, -1.3251



59.4890, -18.4821, 1.3251

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.



21.7190, -10.7075, -19.0476



28.5110, 18.4821, -1.3251



27.2000, -13.4096, 7.7176

Square

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



28.5110, 18.4821, -1.3251



22.0710, -10.8810, 36.7717



24.1440, -11.9030, -8.8963



28.1200, 11.2798, -24.6612

Rectangle

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



28.5110, 18.4821, -1.3251



23.5280, 6.1487, 34.6169



24.1440, -11.9030, -8.8963



24.8140, -1.3873, -21.7619

Sweetspot

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



28.5110, 18.4821, -1.3251



71.6500, 7.5675, -0.5701



50.4960, 7.6435, -24.9910



34.4390, 4.2206, -0.3850



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



28.5110, 18.4821, -1.3251



27.3720, 29.3966, -2.0802



34.7900, 15.3865, 11.5852



30.3420, 1.3104, -0.2999



14.3470, 40.7479, -2.9353



33.0110, 94.1576, -7.0256

Inverse Universe

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



39.6020, 10.5492, 23.1510



44.9980, 16.7630, 36.8358



53.2100, -15.3865, -11.5852



31.2390, 0.8682, 1.5444



38.8070, 23.2661, 51.0353



89.6620, 53.9036, 117.8144

Previews

White Background



This preview shows how the YUV color 28.5110, 18.4821, -1.3251 looks on a white background.

Color Contrast Check

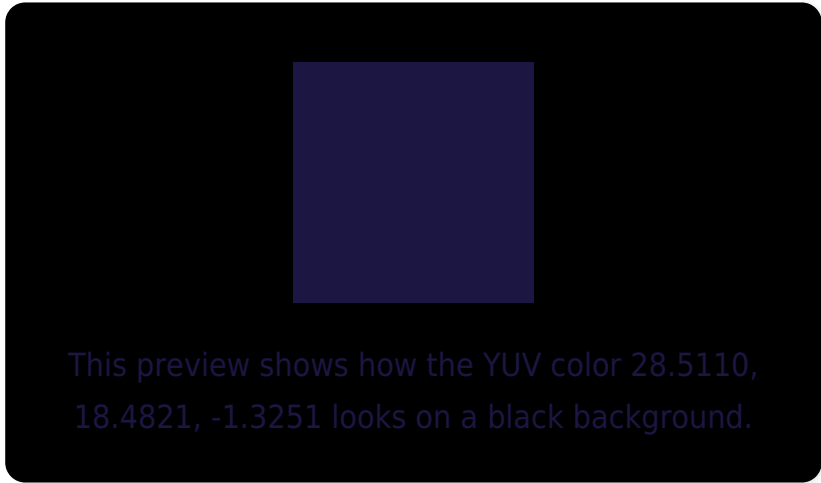
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5110, 18.4821, -1.3251

Background



This preview shows how black text looks on a background with the YUV color 28.5110, 18.4821, -1.3251.



This preview shows how white text looks on a background with the YUV color 28.5110, 18.4821,

-1.3251.

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

28.5110, 18.4821, -1.3251

Protanopia

23.2760, 18.1049, -20.4131

Deuteranopia

23.4240, 13.5950, -20.5428



Tritanopia

26.5470, 3.6743, -11.8807

Trichromacy



Original Color

28.5110, 18.4821, -1.3251

Protanomaly

25.3200, 18.0832, -13.4356

Deuteranomaly

25.2230, 15.1731, -13.3506

Tritanomaly

27.0620, 9.3364, -7.9474

Monochromacy



Original Color

28.5110, 18.4821, -1.3251

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.4220, 6.6940, -0.3701

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.5110, 18.4821, -1.3251 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(27, 22, 66)` looks like.

```
.text, #text, p{  
    color:rgb(27, 22, 66)  
}
```

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(27, 22, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 22, 66) }
```

Border

The CSS property to change the border of an element to YUV 28.5110, 18.4821, -1.3251 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(27, 22, 66) }
```


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

```
.border{ border-color:rgb(27, 22, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 22, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 22, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 22, 66);  
box-shadow:4px 4px 4px 4px rgb(27, 22, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.5110, 18.4821, -1.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 22, 66) }
```

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

```
.background{ background-color: rgb(27, 22,  
66) }
```

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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