

Converting Colors

YUV(29.3210, 16.6037, -5.5435)

Have a look what the booklet for
YUV(29.3210, 16.6037, -5.5435)
contains.

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Color

**YUV(29.3210, 16.6037,
-5.5435)**

Conversions

Conversions Part 1

Format	Color
Hex	171A3F
RGB	23, 26, 63
RGB Percent	9%, 10%, 25%
CMY	0.9098, 0.8980, 0.7529
CMYK	0.63, 0.59, 0.00, 0.75
HSL	236°, 47%, 17%
HSV	236°, 63%, 25%
XYZ	1.6199, 1.2798, 4.8643
YIQ	29.3210, -13.6650, 10.8710

Conversions

Conversions Part 2

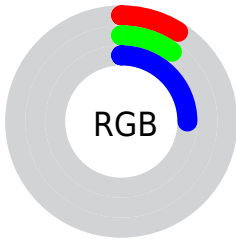
Format	Color
R_{YB}	23, 26, 63
Decimal	1514047
CIE _{Lab}	11.13, 11.72, -24.18
CIE _{LCh}	11, 26.873, 295.853
Yxy	1.2798, 0.2086, 0.1648
Android (android.graphics.Color)	4279704127 (0xFF171A3F)
YUV	29.3210, 16.6037, -5.5435
Hunter-Lab	11.3130, 5.7625, -17.5741

Details

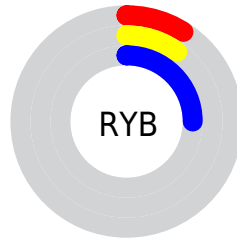
The YUV color **29.3210, 16.6037, -5.5435** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **56.6790, -16.6037, 5.5435**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.0870, 18.1981, -3.5843**, and **2.7530, 8.0098, -2.4144** is the 20% darker color. If you saturate the color by 10%, you get **24.0050, 19.2245, -6.1434**, and if you desaturate by 10%, it is **34.6370, 13.9830, -4.9436**.

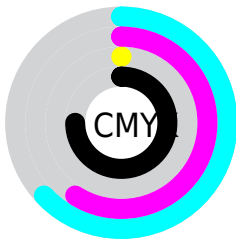
Distribution



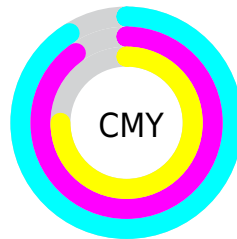
- Red (9%)
- Green (10%)
- Blue (25%)



- Red (9%)
- Yellow (10%)
- Blue (25%)



- Cyan (63%)
- Magenta (59%)
- Yellow (0%)
- Black (75%)



- Cyan (91%)
- Magenta (90%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.3210, 16.6037, -5.5435 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 29.3210, 16.6037, -5.5435 by changing the saturation by 10% instead.

■ 29.3210, 16.6037,
-5.5435

■ 29.3210, 16.6037,
-5.5435

■ 253.8260, 0.5788,
1.0296

■ 5.2720, 17.6139,
-2.8695

■ 74.0870, 18.1981,
-3.5843

■ 2.7530, 8.0098,
-2.4144

■ 98.0270, 19.2137,
-2.6547

■ 0.0000, 0.0000,
0.0000

■ 123.1410, 19.6505,
-2.7547

■ 149.2550, 20.0873,
-2.8546

■ 175.7820, 20.8135,
-2.4398

■ 203.3090, 21.5397,

-2.0250

■ 229.0290, 12.8037,
-0.0254

■ 29.3210, 16.6037,
-5.5435

■ 29.3210, 16.6037,
-5.5435

■ 24.0050, 19.2245,
-6.1434

■ 34.6370, 13.9830,
-4.9436

■ 18.3900, 21.9927,
-7.3580

■ 40.2520, 11.2148,
-3.7290

■ 13.6610, 24.3241,
-8.4727

■ 44.9810, 8.8834,
-2.6143

■ 10.1170, 26.0713,
-8.8726

■ 50.2970, 6.2626,
-2.0145

■ 55.9120, 3.4944,
-0.7998

■ 61.2280, 0.8736,
-0.2000

■ 66.5440, -1.7472,
0.3999

■ 71.8600, -4.3680,
0.9998

■ 76.8880, -6.8468,
2.7292

Harmonies

Analogous

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



27.0090, 19.7156, -23.6869



29.3210, 16.6037, -5.5435



30.4440, 10.1341, 16.2736

Triad

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



29.3210, 16.6037, -5.5435



27.8860, -13.7478, 22.9020



25.3840, 0.7967, -22.2618

Complementary

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



29.3210, 16.6037, -5.5435



56.6790, -16.6037, 5.5435

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.



21.4740, -9.1077, -18.8327



29.3210, 16.6037, -5.5435



28.6950, -14.1466, 10.7915

Square

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



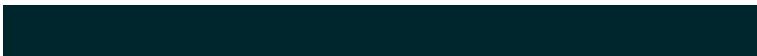
29.3210, 16.6037, -5.5435



26.7650, -6.7861, 30.0241



26.5470, -13.0877, -2.2337



27.4360, 8.6591, -24.0614

Rectangle

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



29.3210, 16.6037, -5.5435



28.2450, 5.3022, 26.0951



26.5470, -13.0877, -2.2337



24.5860, -2.2609, -21.5619

Sweetspot

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



29.3210, 16.6037, -5.5435



68.4110, 6.6994, -2.1144



50.6980, 4.5859, -24.2911



32.7270, 4.0786, -1.5146



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.



29.3210, 16.6037, -5.5435



29.4160, 25.9239, -8.2578



32.6430, 14.9660, 6.4521



28.3420, 1.3104, -0.2999



14.8250, 39.0333, -13.0015



35.2870, 92.0495, -30.9467

Inverse Universe

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



35.3020, -4.5859, 24.2911



38.9940, -7.3920, 37.7163



53.3570, -14.9660, -6.4521



28.8970, -0.4422, 1.8443



28.9040, -10.7987, 57.0892



68.3160, -25.2988, 134.7809

Previews

White Background



This preview shows how the YUV color 29.3210, 16.6037, -5.5435 looks on a white background.

Color Contrast Check

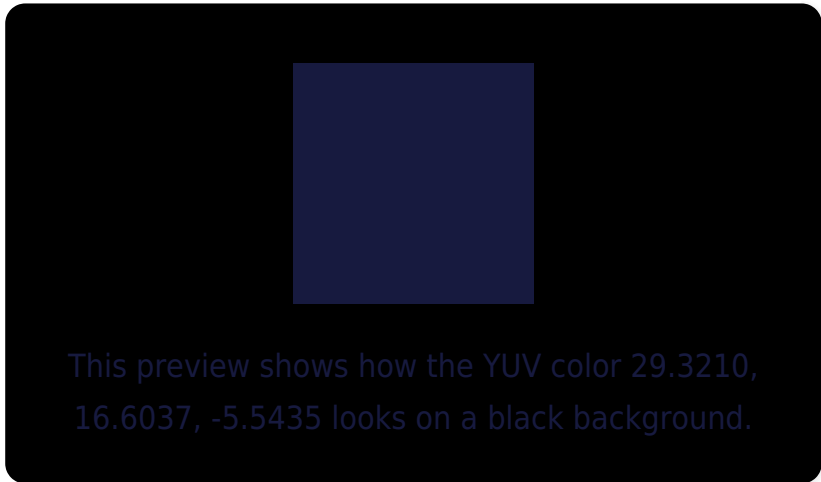
Large Text (above 18pt) WCAG AA ✓ Pass

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

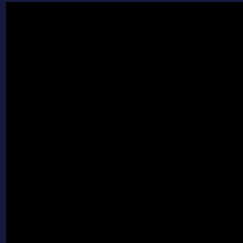
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.3210, 16.6037, -5.5435

Background



This preview shows how black text looks on a background with the YUV color 29.3210, 16.6037, -5.5435.



This preview shows how white text looks on a background with the YUV color 29.3210, 16.6037,

-5.5435.

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

29.3210, 16.6037, -5.5435

Protanopia

24.0910, 18.6891, -21.1278

Deuteranopia

24.2390, 14.1792, -21.2576



Tritanopia

25.2690, 5.2904, -16.8989

Trichromacy



Original Color

29.3210, 16.6037, -5.5435

Protanomaly

25.8960, 17.7993, -15.6948

Deuteranomaly

25.9130, 15.3259, -15.7097

Tritanomaly

26.4420, 9.6421, -12.6656

Monochromacy



Original Color

29.3210, 16.6037, -5.5435

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.1830, 5.8258, -1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.3210, 16.6037, -5.5435 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(23, 26, 63)` looks like.

```
.text, #text, p{  
    color:rgb(23, 26, 63)  
}
```

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(23, 26, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 26, 63) }
```

Border

The CSS property to change the border of an element to YUV 29.3210, 16.6037, -5.5435 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(23, 26, 63) }
```


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

```
.border{ border-color:rgb(23, 26, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 26, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 26, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 26, 63);  
box-shadow:4px 4px 4px 4px rgb(23, 26, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.3210, 16.6037, -5.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 26, 63) }
```

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

```
.background{ background-color: rgb(23, 26,  
63) }
```

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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