

Converting Colors

YUV(27.3210, 13.1527,
-18.6985)

Have a look what the booklet for
YUV(27.3210, 13.1527, -18.6985)
contains.

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Color

**YUV(27.3210, 13.1527,
-18.6985)**

Conversions

Conversions Part 1

Format	Color
Hex	062136
RGB	6, 33, 54
RGB Percent	2%, 13%, 21%
CMY	0.9765, 0.8706, 0.7882
CMYK	0.89, 0.39, 0.00, 0.79
HSL	206°, 80%, 12%
HSV	206°, 89%, 21%
XYZ	1.2848, 1.3928, 3.6911
YIQ	27.3210, -22.8330, 0.8070

Conversions

Conversions Part 2

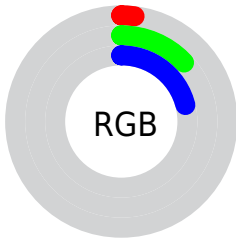
Format	Color
RYB	6, 23, 54
Decimal	401718
CIELab	11.91, -1.19, -16.61
CIELCh	12, 16.652, 265.894
Yxy	1.3928, 0.2017, 0.2187
Android (android.graphics.Color)	4278591798 (0xFF062136)
YUV	27.3210, 13.1527, -18.6985
Hunter-Lab	11.8016, -1.2198, -10.2828

Details

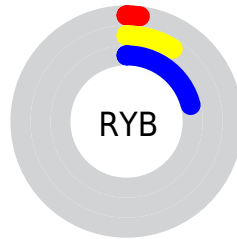
The YUV color **27.3210, 13.1527, -18.6985** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32.6790, -13.1527, 18.6985**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.1580, 13.7261, -15.9246**, and **0.6840, 2.6208, -0.5999** is the 20% darker color. If you saturate the color by 10%, you get **24.6520, 14.4686, -20.7428**, and if you desaturate by 10%, it is **29.9900, 11.8369, -16.6542**.

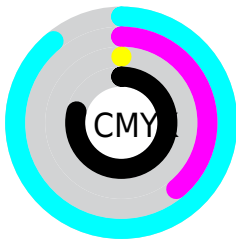
Distribution



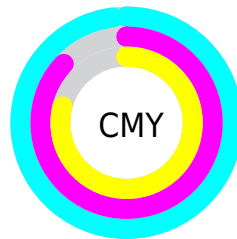
- Red (2%)
- Green (13%)
- Blue (21%)



- Red (2%)
- Yellow (9%)
- Blue (21%)



- Cyan (89%)
- Magenta (39%)
- Yellow (0%)
- Black (79%)



- Cyan (98%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.3210, 13.1527, -18.6985 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 27.3210, 13.1527, -18.6985 by changing the saturation by 10% instead.

■ 27.3210, 13.1527,
-18.6985

■ 27.3210, 13.1527,
-18.6985

■ 250.8140, 2.0637,
-8.6069

■ 9.6320, 11.5204,
-8.4473

■ 73.1580, 13.7261,
-15.9246

■ 0.6840, 2.6208,
-0.5999

■ 97.5710, 14.0155,
-15.4098

■ 0.0000, 0.0000,
0.0000

■ 122.6850, 14.4523,
-15.5097

■ 147.9130, 15.3259,
-15.7097

■ 174.9130, 15.3259,
-15.7097

■ 202.6140, 15.4733,

-16.3245

■ 229.8160, 12.4157,
-15.6246

■ 27.3210, 13.1527,
-18.6985

■ 27.3210, 13.1527,
-18.6985

■ 24.6520, 14.4686,
-20.7428

■ 29.9900, 11.8369,
-16.6542

■ 23.7660, 14.9054,
-20.8428

■ 33.5450, 10.0843,
-14.5100

■ 36.2140, 8.7685,
-12.4657

■ 39.1820, 7.3053,
-9.8066

■ 42.4380, 5.7001,
-8.2771

■ 45.1070, 4.3842,
-6.2328

■ 48.6620, 2.6316,
-4.0886

■ 51.3310, 1.3158,
-2.0443

■ 54.2990, -0.1474,
0.6148

Harmonies

Analogous

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



26.8320, 11.4218, -23.5317



27.3210, 13.1527, -18.6985



31.9210, 9.8989, -1.6847

Triad

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



27.3210, 13.1527, -18.6985



31.2690, -4.5696, 19.0581



27.3700, -4.6194, -11.7255

Complementary

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



27.3210, 13.1527, -18.6985



32.6790, -13.1527, 18.6985

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.



29.3130, -11.4933, -0.2745



27.3210, 13.1527, -18.6985



30.7540, -10.2317, 15.1247

Square

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



27.3210, 13.1527, -18.6985



31.9250, 0.5300, 16.7288



29.9120, -13.2676, 8.8472



25.0250, 1.9597, -21.9469

Rectangle

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



27.3210, 13.1527, -18.6985



32.5800, 7.1091, 6.5073



29.9120, -13.2676, 8.8472



28.1210, -6.9617, -7.1221

Sweetspot

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



27.3210, 13.1527, -18.6985



60.6230, 5.1159, -7.5624



36.5700, -4.7180, -26.8099



29.4770, 3.2158, -4.8033



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



27.3210, 13.1527, -18.6985



31.5740, 19.4370, -27.6904



13.2330, 20.0981, -6.3433



26.5160, 0.7316, -1.3295



41.0120, 25.1371, -35.9675



97.1670, 60.0637, -85.2155

Inverse Universe

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



23.4300, 4.7180, 26.8099



25.7890, 7.0060, 39.6500



46.7670, -20.0981, 6.3433



26.1250, 0.4314, 1.6444



33.4360, 9.1521, 51.3606



79.5030, 21.4440, 122.3389

Previews

White Background



This preview shows how the YUV color 27.3210, 13.1527, -18.6985 looks on a white background.

Color Contrast Check

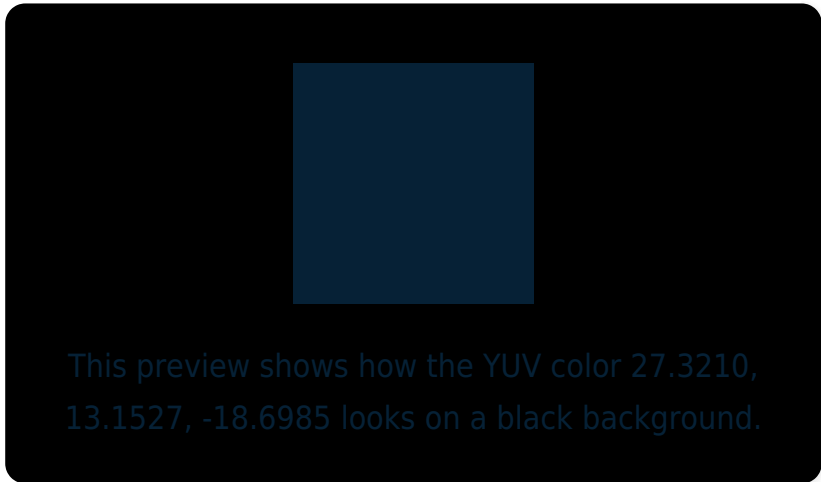
Large Text (above 18pt) WCAG AA ✓ Pass

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

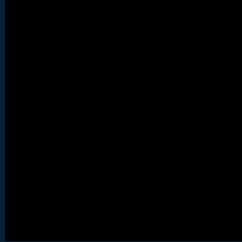
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.3210, 13.1527, -18.6985

Background



This preview shows how black text looks on a background with the YUV color 27.3210, 13.1527, -18.6985.



This preview shows how white text looks on a background with the YUV color 27.3210, 13.1527,

-18.6985.

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

27.3210, 13.1527, -18.6985

Protanopia

31.0020, 10.3520, -7.0178

Deuteranopia

29.7240, 11.9681, -12.0359



Tritanopia

24.8770, 6.4696, -21.8171

Trichromacy



Original Color

27.3210, 13.1527, -18.6985

Protanomaly

29.9090, 11.3839, -11.3212

Deuteranomaly

28.5280, 12.5577, -14.4951

Tritanomaly

25.5720, 9.0850, -20.6726

Monochromacy



Original Color

27.3210, 13.1527, -18.6985

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.9220, 4.9685, -6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.3210, 13.1527, -18.6985 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(6, 33, 54)` looks like.

```
.text, #text, p{  
    color:rgb(6, 33, 54)  
}
```

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(6, 33, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 33, 54) }
```

Border

The CSS property to change the border of an element to YUV 27.3210, 13.1527, -18.6985 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(6, 33, 54) }
```


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

```
.border{ border-color:rgb(6, 33, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 33, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 33, 54); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 33, 54); box-shadow:4px  
4px 4px 4px rgb(6, 33, 54) }
```

Background

The CSS property to change the background color of an element to YUV 27.3210, 13.1527, -18.6985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 33, 54) }
```

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

```
.background{ background-color: rgb(6, 33,  
54) }
```

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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