

Converting Colors

YUV(27.4050, 5.7163, -13.5102)

Have a look what the booklet for
YUV(27.4050, 5.7163, -13.5102)
contains.

YUV(27.4050, 5.7163, -13.5102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(27.4050, 5.7163,
-13.5102)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2127
RGB	12, 33, 39
RGB Percent	5%, 13%, 15%
CMY	0.9529, 0.8706, 0.8471
CMYK	0.69, 0.15, 0.00, 0.85
HSL	193°, 53%, 10%
HSV	193°, 69%, 15%
XYZ	1.0617, 1.3124, 2.1168
YIQ	27.4050, -14.4420, -2.5860

Conversions

Conversions Part 2

Format	Color
RYB	12, 24, 39
Decimal	794919
CIELab	11.36, -6.17, -6.60
CIELCh	11, 9.036, 226.945
Yxy	1.3124, 0.2364, 0.2922
Android (android.graphics.Color)	4278984999 (0xFF0C2127)
YUV	27.4050, 5.7163, -13.5102
Hunter-Lab	11.4558, -3.5050, -2.9365

Details

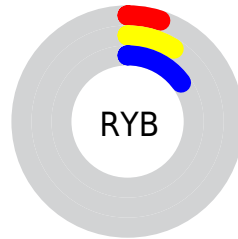
The YUV color **27.4050, 5.7163, -13.5102** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **23.5950, -5.7163, 13.5102**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.5190, 6.1531, -13.6102**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.6220, 6.5954, -15.4545**, and if you desaturate by 10%, it is **29.1880, 4.8373, -11.5659**.

Distribution



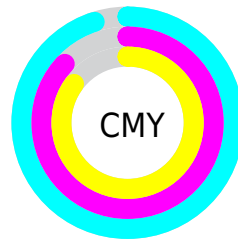
- Red (5%)
- Green (13%)
- Blue (15%)



- Red (5%)
- Yellow (9%)
- Blue (15%)



- Cyan (69%)
- Magenta (15%)
- Yellow (0%)
- Black (85%)



- Cyan (95%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.4050, 5.7163, -13.5102 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 27.4050, 5.7163, -13.5102 by changing the saturation by 10% instead.

■ 27.4050, 5.7163,
-13.5102

■ 27.4050, 5.7163,
-13.5102

■ 250.2160, 2.3585,
-9.8364

■ 8.0360, 5.4053,
-7.0476

■ 71.5190, 6.1531,
-13.6102

■ 0.0000, 0.0000,
0.0000

■ 95.5190, 6.1531,
-13.6102

■ 120.2200, 6.3005,
-14.2249

■ 146.2200, 6.3005,
-14.2249

■ 172.9210, 6.4479,
-14.8397

■ 200.0350, 6.8847,

-14.9397

■ 228.1490, 7.3215,
-15.0397

■ 27.4050, 5.7163,
-13.5102

■ 27.4050, 5.7163,
-13.5102

■ 25.6220, 6.5954,
-15.4545

■ 29.1880, 4.8373,
-11.5659

■ 23.8390, 7.4744,
-17.3988

■ 30.9710, 3.9583,
-9.6216

■ 22.0560, 8.3534,
-19.3431

■ 32.7540, 3.0793,
-7.6773

■ 33.9500, 2.4897,
-5.2181

■ 35.7330, 1.6106,
-3.2738

■ 37.2170, 0.8790,
-1.9443

■ 39.0000, 0.0000,
0.0000

■ 40.7830, -0.8790,
1.9443

■ 42.5660, -1.7580,
3.8886

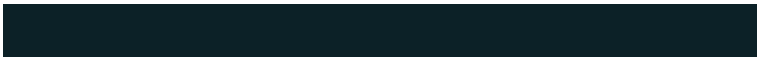
Harmonies

Analogous

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



27.4220, 3.2430, -13.5251



27.4050, 5.7163, -13.5102



29.2530, 6.2843, -8.9919

Triad

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



27.4050, 5.7163, -13.5102



31.2830, 0.8465, 8.5218



29.5180, -5.6784, 1.2997

Complementary

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



27.4050, 5.7163, -13.5102



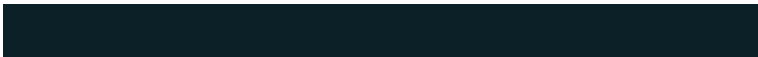
23.5950, -5.7163, 13.5102

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.



30.1380, -5.9840, 6.0180



27.4050, 5.7163, -13.5102



31.1970, -2.0691, 10.3512

Square

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



27.4050, 5.7163, -13.5102



30.7600, 4.0623, 3.7185



30.5020, -4.6845, 9.2067



29.0550, -3.4781, -4.4332

Rectangle

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



27.4050, 5.7163, -13.5102



29.5740, 6.1260, -4.8884



30.5020, -4.6845, 9.2067



29.5290, -5.6838, 3.0441

Sweetspot

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



27.4050, 5.7163, -13.5102



46.5370, 2.2003, -5.7329



28.5330, -5.1928, -14.4994



22.7330, 1.6106, -3.2738



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



27.4050, 5.7163, -13.5102



33.1590, 8.7956, -21.1874



19.7740, 9.4784, -6.8178



19.4020, 0.2948, -1.2296



47.7310, 17.8806, -41.8601



121.0230, 44.8517, -106.1372

Inverse Universe

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



22.4670, 5.1928, 14.4994



25.3200, 8.2232, 22.5214



31.2260, -9.4784, 6.8178



18.8260, 0.5788, 1.0296



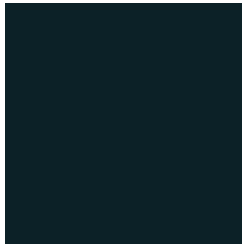
32.5260, 16.0097, 45.1427



82.1980, 40.8214, 113.8364

Previews

White Background



This preview shows how the YUV color 27.4050, 5.7163, -13.5102 looks on a white background.

Color Contrast Check

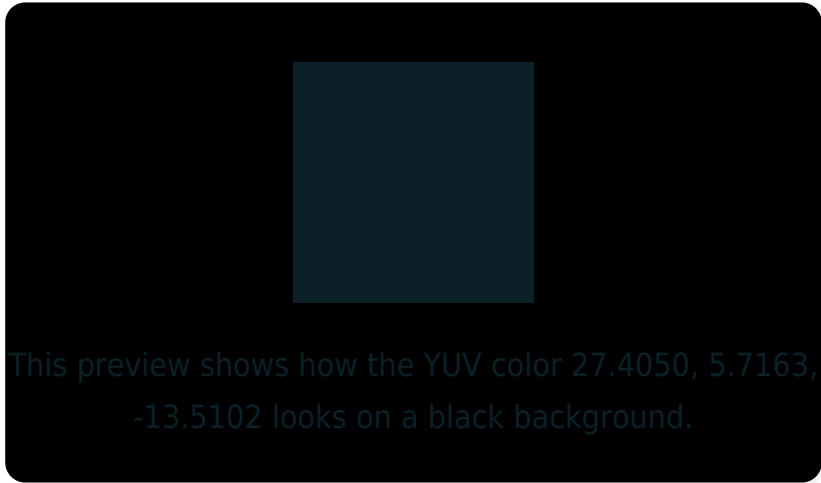
Large Text (above 18pt) WCAG AA ✓ Pass

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

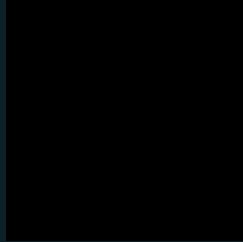
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

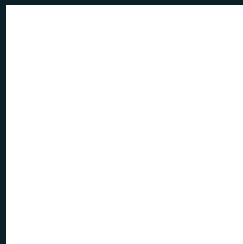
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 27.4050, 5.7163, -13.5102

Background



This preview shows how black text looks on a background with the YUV color 27.4050, 5.7163, -13.5102.



This preview shows how white text looks on a background with the YUV color 27.4050, 5.7163, -13.5102.

-13.5102.

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

27.4050, 5.7163, -13.5102

Protanopia

30.4990, 3.2050, -1.3146

Deuteranopia

30.5420, 4.6628, -2.2293



Tritanopia

26.4650, 4.7008, -14.4398

Trichromacy



Original Color

27.4050, 5.7163, -13.5102

Protanomaly

29.4060, 4.2368, -5.6181

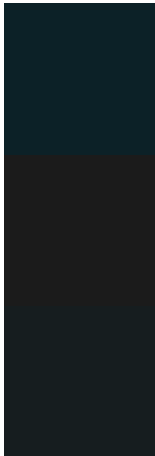
Deuteranomaly

29.3350, 5.2578, -6.4328

Tritanomaly

26.8780, 4.9901, -13.9250

Monochromacy



Original Color

27.4050, 5.7163, -13.5102

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.1350, 1.9054, -4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.4050, 5.7163, -13.5102 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(12, 33, 39)` looks like.

```
.text, #text, p{  
    color:rgb(12, 33, 39)  
}
```

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(12, 33, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 33, 39) }
```

Border

The CSS property to change the border of an element to YUV 27.4050, 5.7163, -13.5102 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(12, 33, 39) }
```


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

```
.border{ border-color:rgb(12, 33, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 33, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 33, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 33, 39);  
box-shadow:4px 4px 4px 4px rgb(12, 33, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.4050, 5.7163, -13.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 33, 39) }
```

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

```
.background{ background-color: rgb(12, 33,  
39) }
```

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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