

Converting Colors

YUV(29.5050, 4.1880, 10.0811)

Have a look what the booklet for
YUV(29.5050, 4.1880, 10.0811)
contains.

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Color

**YUV(29.5050, 4.1880,
10.0811)**

Conversions

Conversions Part 1

Format	Color
Hex	291626
RGB	41, 22, 38
RGB Percent	16%, 9%, 15%
CMY	0.8392, 0.9137, 0.8510
CMYK	0.00, 0.46, 0.07, 0.84
HSL	309°, 30%, 12%
HSV	309°, 46%, 16%
XYZ	1.5512, 1.1852, 1.9807
YIQ	29.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

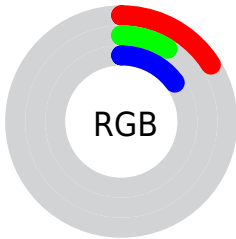
Format	Color
RYB	41, 22, 38
Decimal	2692646
CIELab	10.45, 12.83, -7.00
CIElCh	10, 14.615, 331.380
Yxy	1.1852, 0.3288, 0.2513
Android (android.graphics.Color)	4280882726 (0xFF291626)
YUV	29.5050, 4.1880, 10.0811
Hunter-Lab	10.8866, 6.3827, -3.1667

Details

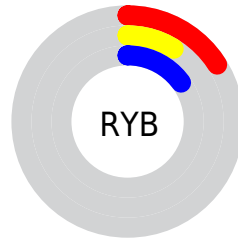
The YUV color **29.5050, 4.1880, 10.0811** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **33.4950, -4.1880, -10.0811**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.6300, 4.6194, 11.7255**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.0430, 4.9088, 12.2403**, and if you desaturate by 10%, it is **31.9670, 3.4673, 7.9219**.

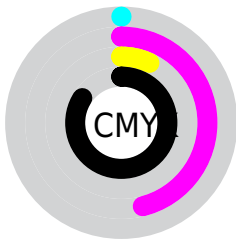
Distribution



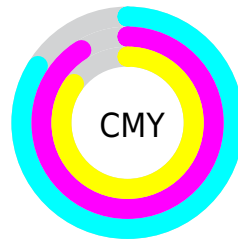
- Red (16%)
- Green (9%)
- Blue (15%)



- Red (16%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (46%)
- Yellow (7%)
- Black (84%)



- Cyan (84%)
- Magenta (91%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.5050, 4.1880, 10.0811 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 29.5050, 4.1880, 10.0811 by changing the saturation by 10% instead.

■ 29.5050, 4.1880,
10.0811

■ 29.5050, 4.1880,
10.0811

■ 251.4780, 1.7363,
3.0888

■ 8.6300, 4.6194,
11.7255

■ 73.6300, 4.6194,
11.7255

■ 0.0000, 0.0000,
0.0000

■ 97.6300, 4.6194,
11.7255

■ 122.3420, 4.7614,
12.8551

■ 148.3420, 4.7614,
12.8551

■ 174.7550, 5.0508,
13.3699

■ 202.1680, 5.3402,

13.8847

■ 230.4670, 5.1928,
14.4994

■ 29.5050, 4.1880,
10.0811

■ 29.5050, 4.1880,
10.0811

■ 27.0430, 4.9088,
12.2403

■ 31.9670, 3.4673,
7.9219

■ 24.6950, 6.0664,
14.2995

■ 34.3150, 2.3097,
5.8627

■ 22.2330, 6.7871,
16.4587

■ 36.7770, 1.5889,
3.7036

■ 19.7710, 7.5079,
18.6178

■ 39.2390, 0.8682,
1.5444

■ 17.4230, 8.6655,
20.6770

■ 42.1740, -0.5788,
-1.0296

■ 16.2490, 9.2442,
21.7066

■ 44.6360, -1.2995,
-3.1888

■ 47.0980, -2.0203,
-5.3479

■ 49.4460, -3.1779,
-7.4071

■ 51.9080, -3.8986,
-9.5663

Harmonies

Analogous

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



29.3620, 7.7095, 0.5595



29.5050, 4.1880, 10.0811



28.9850, -0.4856, 15.7992

Triad

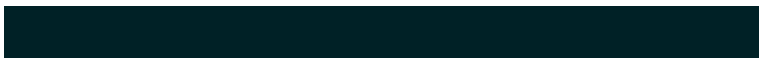
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.5050, 4.1880, 10.0811



27.1290, -12.3886, 6.9029



23.7030, 7.0484, -20.7875

Complementary

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



29.5050, 4.1880, 10.0811



33.4950, -4.1880, -10.0811

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.



22.6770, 3.1172, -19.8877



29.5050, 4.1880, 10.0811



26.4700, -9.5987, -1.2892

Square

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



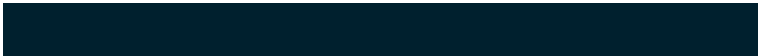
29.5050, 4.1880, 10.0811



27.4440, -10.0789, 12.7656



24.7120, -3.3090, -12.0254



24.0280, 10.8322, -21.0726

Rectangle

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



29.5050, 4.1880, 10.0811



28.8880, -3.3958, 15.8842



24.7120, -3.3090, -12.0254



23.3610, 5.7380, -20.4876

Sweetspot

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



29.5050, 4.1880, 10.0811



49.0760, 1.4415, 4.3183



25.0630, 7.8569, -0.0553



24.9510, 1.0102, 2.6740



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



29.5050, 4.1880, 10.0811



35.8200, 6.4977, 15.9439



28.4790, 0.2569, 10.9809



18.8260, 0.5788, 1.0296



33.2100, 18.6305, 44.5428



83.6800, 46.4998, 112.5366

Inverse Universe

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



29.5050, 4.1880, 10.0811



35.8200, 6.4977, 15.9439



34.5210, -0.2569, -10.9809



18.8260, 0.5788, 1.0296



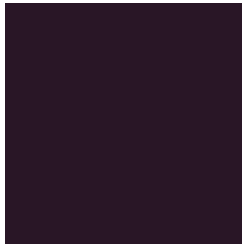
33.2100, 18.6305, 44.5428



83.6800, 46.4998, 112.5366

Previews

White Background



This preview shows how the YUV color 29.5050, 4.1880, 10.0811 looks on a white background.

Color Contrast Check

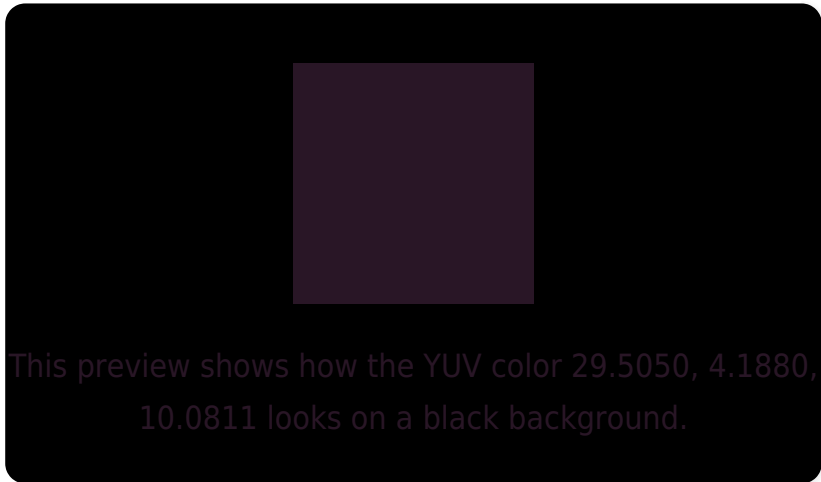
Large Text (above 18pt) WCAG AA ✓ Pass

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

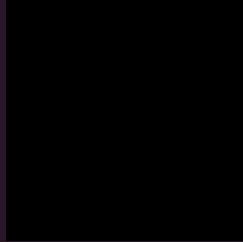
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.5050, 4.1880, 10.0811

Background



This preview shows how black text looks on a background with the YUV color 29.5050, 4.1880, 10.0811.



This preview shows how white text looks on a background with the YUV color 29.5050, 4.1880,

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

29.5050, 4.1880, 10.0811

Protanopia

28.5140, 7.1416, -3.9588

Deuteranopia

28.7270, 4.0786, -1.5146



Tritanopia

29.5990, -1.7743, 9.1217

Trichromacy



Original Color

29.5050, 4.1880, 10.0811

Protanomaly

28.9060, 5.9623, 0.9594

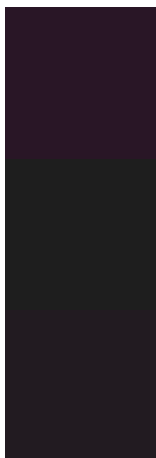
Deuteranomaly

29.0480, 3.9203, 2.5889

Tritanomaly

29.4680, 0.2623, 9.2366

Monochromacy



Original Color

29.5050, 4.1880, 10.0811

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.7770, 1.5889, 3.7036

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.5050, 4.1880, 10.0811 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(41, 22, 38)` looks like.

```
.text, #text, p{  
    color:rgb(41, 22, 38)  
}
```

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(41, 22, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 22, 38) }
```

Border

The CSS property to change the border of an element to YUV 29.5050, 4.1880, 10.0811 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(41, 22, 38) }
```


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

```
.border{ border-color:rgb(41, 22, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 22, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 22, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 22, 38);  
box-shadow:4px 4px 4px 4px rgb(41, 22, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.5050, 4.1880, 10.0811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 22, 38) }
```

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

```
.background{ background-color: rgb(41, 22,  
38) }
```

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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