

Converting Colors

YUV(30.6110, 10.0518, -4.0438)

Have a look what the booklet for
YUV(30.6110, 10.0518, -4.0438)
contains.

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Color

**YUV(30.6110, 10.0518,
-4.0438)**

Conversions

Conversions Part 1

Format	Color
Hex	1A1D33
RGB	26, 29, 51
RGB Percent	10%, 11%, 20%
CMY	0.8980, 0.8863, 0.8000
CMYK	0.49, 0.43, 0.00, 0.80
HSL	233°, 32%, 15%
HSV	233°, 49%, 20%
XYZ	1.4629, 1.3374, 3.3130
YIQ	30.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

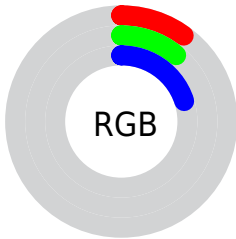
Format	Color
R_{YB}	26, 29, 51
Decimal	1711411
CIE Lab	11.53, 5.69, -14.97
CIE LCh	12, 16.011, 290.823
Yxy	1.3374, 0.2393, 0.2188
Android (android.graphics.Color)	4279901491 (0xFF1A1D33)
YUV	30.6110, 10.0518, -4.0438
Hunter-Lab	11.5644, 2.3426, -8.8904

Details

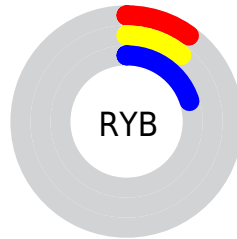
The YUV color **30.6110, 10.0518, -4.0438** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.3890, -10.0518, 4.0438**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.6650, 11.5042, -3.2142**, and **0.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **26.7680, 11.9464, -5.0585**, and if you desaturate by 10%, it is **34.4540, 8.1572, -3.0292**.

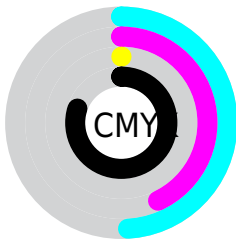
Distribution



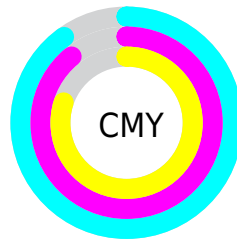
- Red (10%)
- Green (11%)
- Blue (20%)



- Red (10%)
- Yellow (11%)
- Blue (20%)



- Cyan (49%)
- Magenta (43%)
- Yellow (0%)
- Black (80%)



- Cyan (90%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.6110, 10.0518, -4.0438 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 30.6110, 10.0518, -4.0438 by changing the saturation by 10% instead.

■ 30.6110, 10.0518,
-4.0438

■ 30.6110, 10.0518,
-4.0438

■ 255.0000, 0.0000,
0.0000

■ 6.0780, 11.7935,
-2.6994

■ 74.6650, 11.5042,
-3.2142

■ 0.1140, 0.4368,
-0.1000

■ 98.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 123.7790, 11.9410,
-3.3142

■ 149.3060, 12.6671,
-2.8994

■ 176.0070, 12.8145,
-3.5141

■ 203.4200, 13.1039,

-2.9993

■ 231.0780, 11.7935,
-2.6994

■ 30.6110, 10.0518,
-4.0438

■ 30.6110, 10.0518,
-4.0438

■ 26.7680, 11.9464,
-5.0585

■ 34.4540, 8.1572,
-3.0292

■ 22.3380, 14.1304,
-5.5584

■ 38.8840, 5.9732,
-2.5293

■ 18.4950, 16.0250,
-6.5731

■ 42.7270, 4.0786,
-1.5146

■ 14.0650, 18.2090,
-7.0730

■ 47.1570, 1.8946,
-1.0147

■ 9.9230, 20.2510,
-8.7025

■ 51.2990, -0.1474,
0.6148

■ 9.3360, 20.5404,
-8.1877

■ 55.7290, -2.3314,
1.1147

■ 59.5720, -4.2260,
2.1294

■ 64.0020, -6.4100,
2.6292

■ 67.8450, -8.3046,
3.6439

Harmonies

Analogous

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



26.1960, 12.7214, -20.3429



30.6110, 10.0518, -4.0438



31.9500, 5.9407, 7.9369

Triad

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



30.6110, 10.0518, -4.0438



30.3950, -9.0687, 15.4396



24.2100, 1.3755, -21.2322

Complementary

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



30.6110, 10.0518, -4.0438



46.3890, -10.0518, 4.0438

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.



27.4520, -5.6458, -9.1664



30.6110, 10.0518, -4.0438



29.6240, -13.1256, 9.9768

Square

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



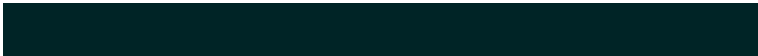
30.6110, 10.0518, -4.0438



30.7850, -3.8380, 17.7286



28.3240, -11.4987, 1.4699



25.4640, 6.1802, -22.3319

Rectangle

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



30.6110, 10.0518, -4.0438



31.2990, 3.3036, 13.7698



28.3240, -11.4987, 1.4699



25.5480, -1.2562, -17.1436

Sweetspot

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



30.6110, 10.0518, -4.0438



58.3140, 3.7892, -2.0294



43.1830, 2.3748, -15.0695



28.2710, 2.3314, -1.1147



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



30.6110, 10.0518, -4.0438



34.3810, 15.5882, -6.4731



31.5410, 9.5933, 3.0335



23.3420, 1.3104, -0.2999



16.6030, 35.6917, -14.5608



40.0000, 87.2610, -35.0800

Inverse Universe

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



33.8170, -2.3748, 15.0695



39.2310, -3.5649, 23.4764



45.4590, -9.5933, -3.0335



23.8970, -0.4422, 1.8443



27.8650, -8.3144, 53.6154



67.8470, -20.6306, 130.8072

Previews

White Background



This preview shows how the YUV color 30.6110, 10.0518, -4.0438 looks on a white background.

Color Contrast Check

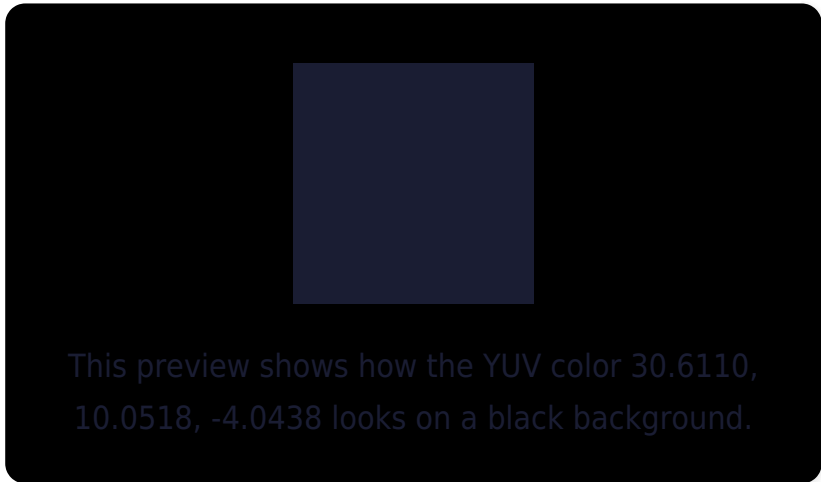
Large Text (above 18pt) WCAG AA ✓ Pass

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

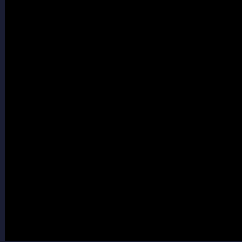
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.6110, 10.0518, -4.0438

Background



This preview shows how black text looks on a background with the YUV color 30.6110, 10.0518, -4.0438.



This preview shows how white text looks on a background with the YUV color 30.6110, 10.0518,

-4.0438.

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

30.6110, 10.0518, -4.0438

Protanopia

29.8170, 10.9362, -7.7325

Deuteranopia

29.3930, 10.6523, -9.9917



Tritanopia

29.6400, 2.6425, -7.5773

Trichromacy



Original Color

30.6110, 10.0518, -4.0438

Protanomaly

30.4150, 10.6414, -6.5030

Deuteranomaly

29.7030, 10.4994, -7.6325

Tritanomaly

30.3350, 5.2578, -6.4328

Monochromacy



Original Color

30.6110, 10.0518, -4.0438

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.6130, 3.6418, -1.4146

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.6110, 10.0518, -4.0438 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(26, 29, 51)` looks like.

```
.text, #text, p{  
    color:rgb(26, 29, 51)  
}
```

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(26, 29, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 29, 51) }
```

Border

The CSS property to change the border of an element to YUV 30.6110, 10.0518, -4.0438 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(26, 29, 51) }
```


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

```
.border{ border-color:rgb(26, 29, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 29, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 29, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 29, 51);  
box-shadow:4px 4px 4px 4px rgb(26, 29, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.6110, 10.0518, -4.0438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 29, 51) }
```

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

```
.background{ background-color: rgb(26, 29,  
51) }
```

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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