

Converting Colors

YUV(23.1370, 12.2575,
-11.5211)

Have a look what the booklet for
YUV(23.1370, 12.2575, -11.5211)
contains.

YUV(23.1370, 12.2575, -11.5211)	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>	30

Color

**YUV(23.1370, 12.2575,
-11.5211)**

Conversions

Conversions Part 1

Format	Color
Hex	0A1930
RGB	10, 25, 48
RGB Percent	4%, 10%, 19%
CMY	0.9608, 0.9020, 0.8118
CMYK	0.79, 0.48, 0.00, 0.81
HSL	216°, 66%, 11%
HSV	216°, 79%, 19%
XYZ	1.0063, 0.9732, 2.9311
YIQ	23.1370, -16.3230, 3.9730

Conversions

Conversions Part 2

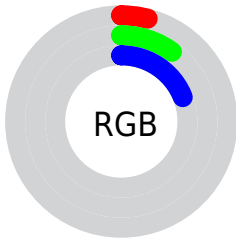
Format	Color
R_{YB}	10, 21, 48
Decimal	661808
CIE Lab	8.77, 3.04, -17.24
CIE LCh	9, 17.507, 280.003
Yxy	0.9732, 0.2049, 0.1982
Android (android.graphics.Color)	4278851888 (0xFF0A1930)
YUV	23.1370, 12.2575, -11.5211
Hunter-Lab	9.8650, 0.9445, -10.7108

Details

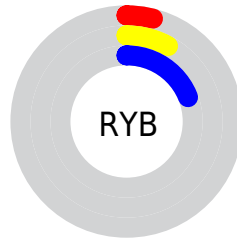
The YUV color **23.1370, 12.2575, -11.5211** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **34.8630, -12.2575, 11.5211**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.3760, 13.1256, -9.9768**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.8810, 13.8627, -13.0506**, and if you desaturate by 10%, it is **26.3930, 10.6523, -9.9917**.

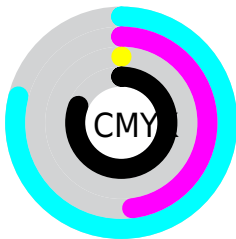
Distribution



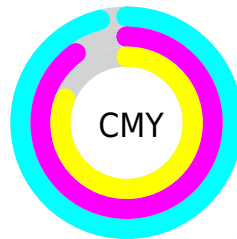
- Red (4%)
- Green (10%)
- Blue (19%)



- Red (4%)
- Yellow (8%)
- Blue (19%)



- Cyan (79%)
- Magenta (48%)
- Yellow (0%)
- Black (81%)



- Cyan (96%)
- Magenta (90%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.1370, 12.2575, -11.5211 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 23.1370, 12.2575, -11.5211 by changing the saturation by 10% instead.

■ 23.1370, 12.2575,
-11.5211

■ 23.1370, 12.2575,
-11.5211

■ 248.1670, 3.3687,
-7.1625

■ 3.6650, 11.5042,
-3.2142

■ 67.3760, 13.1256,
-9.9768

■ 0.0000, 0.0000,
0.0000

■ 90.9030, 13.8518,
-9.5619

■ 115.4300, 14.5780,
-9.1471

■ 141.1310, 14.7254,
-9.7619

■ 167.6580, 15.4516,
-9.3471

■ 195.3590, 15.5990,

-9.9618

■ 222.7720, 15.8884,
-9.4470

■ 23.1370, 12.2575,
-11.5211

■ 23.1370, 12.2575,
-11.5211

■ 19.8810, 13.8627,
-13.0506

■ 26.3930, 10.6523,
-9.9917

■ 16.6250, 15.4679,
-14.5801

■ 29.6490, 9.0470,
-8.4622

■ 32.6060, 7.5892,
-7.5475

■ 35.8620, 5.9840,
-6.0180

■ 39.1180, 4.3788,
-4.4885

■ 41.7870, 3.0630,
-2.4442

■ 45.0430, 1.4578,
-0.9147

■ 48.0000, 0.0000,
0.0000

■ 51.2560, -1.6052,
1.5295

Harmonies

Analogous

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



21.7940, 12.4266, -19.1133



23.1370, 12.2575, -11.5211



25.9110, 8.4249, 4.4631

Triad

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



23.1370, 12.2575, -11.5211



24.0040, -9.3690, 18.4135



20.0210, -1.9824, -17.5584

Complementary

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



23.1370, 12.2575, -11.5211



34.8630, -12.2575, 11.5211

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.



22.1060, -10.8983, -4.4780



23.1370, 12.2575, -11.5211



23.9880, -11.8261, 13.1655

Square

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



23.1370, 12.2575, -11.5211



24.3660, -1.6594, 18.9730



23.9330, -11.7990, 4.4438



21.5030, 3.6960, -18.8581

Rectangle

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



23.1370, 12.2575, -11.5211



25.8580, 5.4930, 11.5255



23.9330, -11.7990, 4.4438



19.3480, -4.6086, -15.2142

Sweetspot

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



23.1370, 12.2575, -11.5211



51.5310, 4.6682, -3.9737



34.9280, -0.9505, -21.8619



24.7870, 3.0630, -2.4442



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



23.1370, 12.2575, -11.5211



23.1130, 18.6783, -17.6391



15.5280, 16.0087, -1.3401



21.8150, 0.5842, -0.7148



29.8760, 28.1621, -26.2013



74.2910, 68.8765, -65.1532

Inverse Universe

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



23.0720, 0.9505, 21.8619



22.9640, 1.4967, 33.3576



42.4720, -16.0087, 1.3401



21.7120, 0.1420, 1.1296



29.8890, 2.0267, 50.0863



73.6760, 5.5827, 123.0641

Previews

White Background



This preview shows how the YUV color 23.1370, 12.2575, -11.5211 looks on a white background.

Color Contrast Check

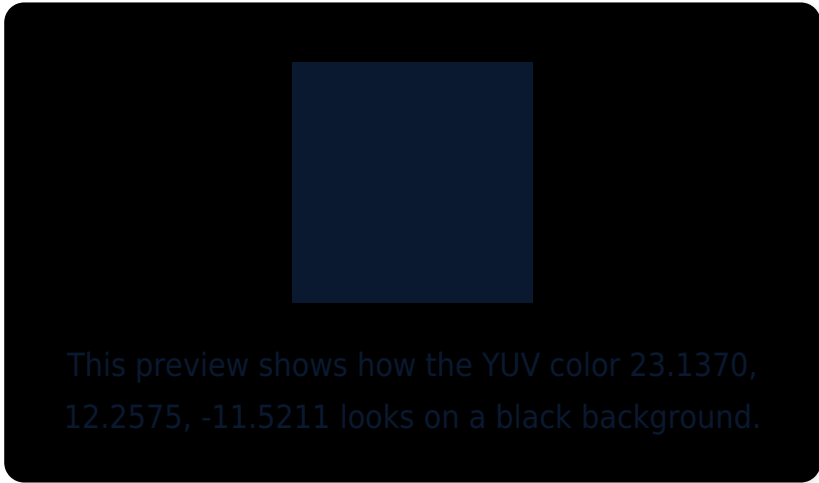
Large Text (above 18pt) WCAG AA ✓ Pass

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

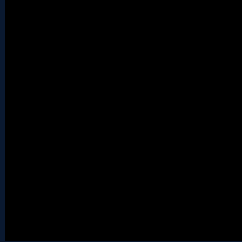
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.1370, 12.2575, -11.5211

Background



This preview shows how black text looks on a background with the YUV color 23.1370, 12.2575, -11.5211.



This preview shows how white text looks on a background with the YUV color 23.1370, 12.2575,

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

23.1370, 12.2575, -11.5211

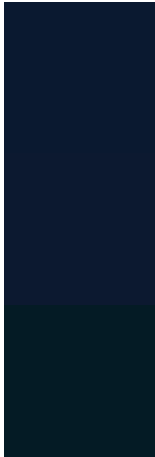
Protanopia

24.0340, 11.8152, -9.6768

Tritanopia

19.8560, 5.0010, -17.4137

Trichromacy



Original Color

23.1370, 12.2575, -11.5211

Protanomaly

23.7350, 11.9626, -10.2916

Tritanomaly

21.2630, 7.7583, -15.1397

Monochromacy



Original Color

23.1370, 12.2575, -11.5211

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.1180, 4.3788, -4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.1370, 12.2575, -11.5211 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(10, 25, 48)` looks like.

```
.text, #text, p{  
    color:rgb(10, 25, 48)  
}
```

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(10, 25, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 25, 48) }
```

Border

The CSS property to change the border of an element to YUV 23.1370, 12.2575, -11.5211 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(10, 25, 48) }
```

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

```
.border{ border-color:rgb(10, 25, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 25, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 25, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 25, 48);  
box-shadow:4px 4px 4px 4px rgb(10, 25, 48)  
}
```


Background

The CSS property to change the background color of an element to YUV 23.1370, 12.2575, -11.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 25, 48) }
```

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

```
.background{ background-color: rgb(10, 25,  
48) }
```

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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