

Converting Colors

YUV(24.6890, 1.6323, -10.2513)

Have a look what the booklet for
YUV(24.6890, 1.6323, -10.2513)
contains.

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Color

**YUV(24.6890, 1.6323,
-10.2513)**

Conversions

Conversions Part 1

Format	Color
Hex	0D1E1C
RGB	13, 30, 28
RGB Percent	5%, 12%, 11%
CMY	0.9490, 0.8824, 0.8902
CMYK	0.57, 0.00, 0.07, 0.88
HSL	173°, 40%, 8%
HSV	173°, 57%, 12%
XYZ	0.8399, 1.0980, 1.2663
YIQ	24.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

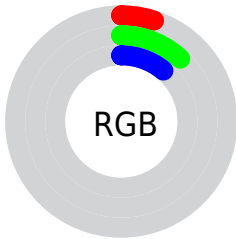
Format	Color
R_{YB}	13, 22, 30
Decimal	859676
CIE _{Lab}	9.78, -7.76, -0.86
CIE _{LCh}	10, 7.808, 186.328
Yxy	1.0980, 0.2621, 0.3427
Android (android.graphics.Color)	4279049756 (0xFF0D1E1C)
YUV	24.6890, 1.6323, -10.2513
Hunter-Lab	10.4783, -4.0300, 0.1698

Details

The YUV color **24.6890, 1.6323, -10.2513** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18.3110, -1.6323, 10.2513**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.2760, 1.3429, -10.7661**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.7920, 2.0745, -12.0956**, and if you desaturate by 10%, it is **25.5860, 1.1901, -8.4069**.

Distribution



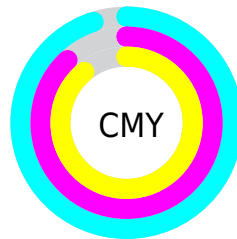
- Red (5%)
- Green (12%)
- Blue (11%)



- Red (5%)
- Yellow (9%)
- Blue (12%)



- Cyan (57%)
- Magenta (0%)
- Yellow (7%)
- Black (88%)



- Cyan (95%)
- Magenta (88%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.6890, 1.6323, -10.2513 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 24.6890, 1.6323, -10.2513 by changing the saturation by 10% instead.

■ 24.6890, 1.6323,
-10.2513

■ 24.6890, 1.6323,
-10.2513

■ 249.6180, 2.6533,
-11.0660

■ 0.1140, 0.4368,
-0.1000

■ 68.2760, 1.3429,
-10.7661

■ 0.0000, 0.0000,
0.0000

■ 91.9770, 1.4903,
-11.3808

■ 116.0910, 1.9271,
-11.4808

■ 141.6780, 1.6377,
-11.9956

■ 168.3790, 1.7852,
-12.6104

■ 195.3790, 1.7852,

-12.6104

■ 223.3790, 1.7852,
-12.6104

■ 24.6890, 1.6323,
-10.2513

■ 24.6890, 1.6323,
-10.2513

■ 23.7920, 2.0745,
-12.0956

■ 25.5860, 1.1901,
-8.4069

■ 22.7810, 2.0800,
-13.8399

■ 26.5970, 1.1847,
-6.6626

■ 21.8840, 2.5222,
-15.6843

■ 27.4940, 0.7425,
-4.8182

■ 20.9870, 2.9644,
-17.5286

■ 28.3910, 0.3002,
-2.9739

■ 20.5740, 2.6750,
-18.0434

■ 29.4020, 0.2948,
-1.2296

■ 30.2990, -0.1474,
0.6148

■ 31.1960, -0.5896,
2.4591

■ 32.2070, -0.5951,
4.2035

■ 33.1040, -1.0373,
6.0478

Harmonies

Analogous

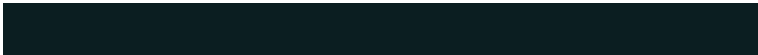
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.6140, -1.2887, -6.6775



24.6890, 1.6323, -10.2513



24.6610, 4.1111, -11.9807

Triad

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



24.6890, 1.6323, -10.2513



27.3360, 3.7784, 1.4593



27.0780, -4.9685, 6.9476

Complementary

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



24.6890, 1.6323, -10.2513



18.3110, -1.6323, 10.2513

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.



27.5450, -3.2267, 8.2920



24.6890, 1.6323, -10.2513



28.0870, 1.4361, 6.0627

Square

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



24.6890, 1.6323, -10.2513



26.6450, 5.1050, -4.0737



27.5280, -0.7533, 8.3069



26.6430, -5.2470, 2.9441

Rectangle

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



24.6890, 1.6323, -10.2513



25.0140, 5.4161, -10.5363



27.5280, -0.7533, 8.3069



27.4910, -4.6791, 7.4624

Sweetspot

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



24.6890, 1.6323, -10.2513



36.0920, 0.4476, -3.5887



23.5770, -5.2145, -7.5220



18.8040, 0.5896, -2.4591



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

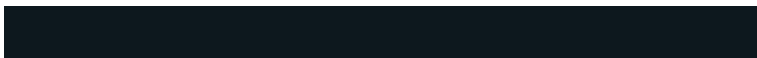
The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.6890, 1.6323, -10.2513



29.8840, 2.5222, -15.6843



21.3950, 4.2423, -7.3624



14.7010, 0.1474, -0.6148



54.3530, 7.7140, -47.6676



142.2570, 19.5933, -124.7594

Inverse Universe

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



18.3110, -1.6323, 10.2513



20.1160, -2.5222, 15.6843



21.6050, -4.2423, 7.3624



14.2990, -0.1474, 0.6148



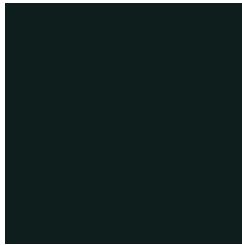
24.6470, -7.7140, 47.6676



64.6290, -20.0301, 124.8594

Previews

White Background



This preview shows how the YUV color 24.6890, 1.6323, -10.2513 looks on a white background.

Color Contrast Check

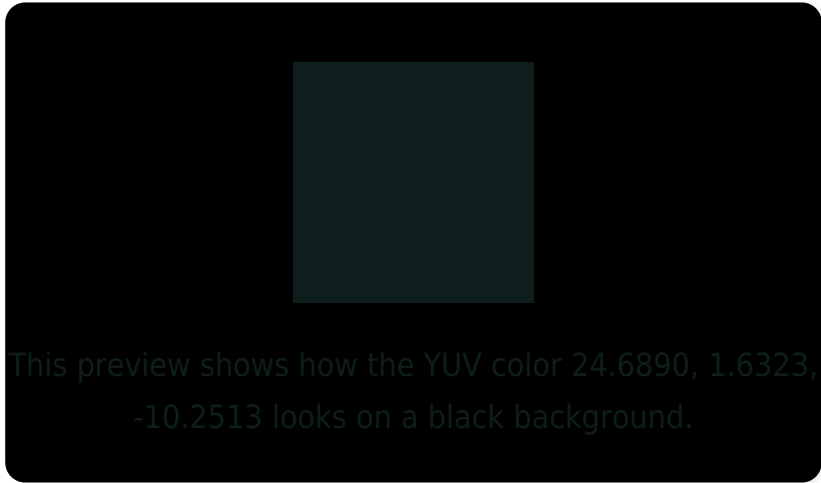
Large Text (above 18pt) WCAG AA ✓ Pass

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

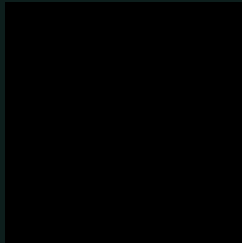
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

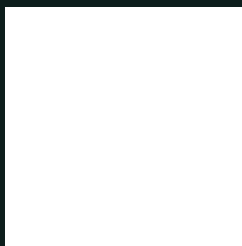
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 24.6890, 1.6323, -10.2513

Background



This preview shows how black text looks on a background with the YUV color 24.6890, 1.6323, -10.2513.



This preview shows how white text looks on a background with the YUV color 24.6890, 1.6323, -10.2513.

-10.2513.

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

24.6890, 1.6323, -10.2513

Protanopia

27.1850, -0.5842, 0.7148

Deuteranopia

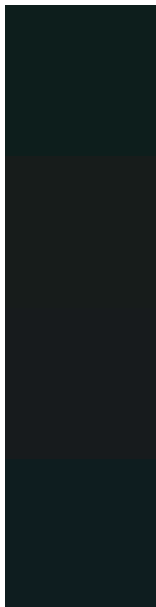
27.2390, 0.8682, 1.5444



Tritanopia

24.8570, 3.5215, -9.5216

Trichromacy



Original Color

24.6890, 1.6323, -10.2513

Protanomaly

26.3910, 0.3002, -2.9739

Deuteranomaly

26.0320, 1.4632, -2.6591

Tritanomaly

24.7430, 3.0847, -9.4216

Monochromacy



Original Color

24.6890, 1.6323, -10.2513

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.0920, 0.4476, -3.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.6890, 1.6323, -10.2513 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(13, 30, 28)` looks like.

```
.text, #text, p{  
    color:rgb(13, 30, 28)  
}
```

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(13, 30, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 30, 28) }
```

Border

The CSS property to change the border of an element to YUV 24.6890, 1.6323, -10.2513 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(13, 30, 28) }
```


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

```
.border{ border-color:rgb(13, 30, 28) }
```

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

Here you see how a box with a 4 pixel rgb(13, 30, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 30, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 30, 28);  
box-shadow:4px 4px 4px 4px rgb(13, 30, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.6890, 1.6323, -10.2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 30, 28) }
```

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

```
.background{ background-color: rgb(13, 30,  
28) }
```

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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