

Converting Colors

YUV(24.8810, -2.8993, -3.4036)

Have a look what the booklet for
YUV(24.8810, -2.8993, -3.4036)
contains.

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Color

**YUV(24.8810, -2.8993,
-3.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	151C13
RGB	21, 28, 19
RGB Percent	8%, 11%, 7%
CMY	0.9176, 0.8902, 0.9255
CMYK	0.25, 0.00, 0.32, 0.89
HSL	107°, 19%, 9%
HSV	107°, 32%, 11%
XYZ	0.8421, 1.0370, 0.7719
YIQ	24.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

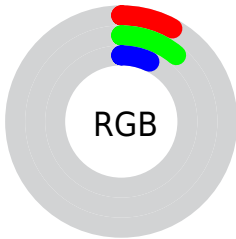
Format	Color
R_{YB}	19, 28, 26
Decimal	1383443
CIE _{Lab}	9.30, -5.57, 4.99
CIE _{LCh}	9, 7.478, 138.179
Yxy	1.0370, 0.3177, 0.3912
Android (android.graphics.Color)	4279573523 (0xFF151C13)
YUV	24.8810, -2.8993, -3.4036
Hunter-Lab	10.1831, -3.0600, 2.6341

Details

The YUV color **24.8810, -2.8993, -3.4036** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **22.1190, 2.8993, 3.4036**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.4680, -3.1887, -3.9184**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.9410, -3.9149, -4.3333**, and if you desaturate by 10%, it is **25.8210, -1.8838, -2.4740**.

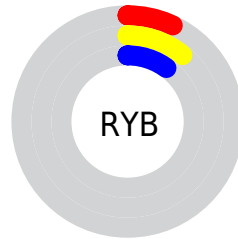
Distribution



Red (8%)

Green (11%)

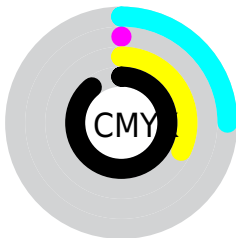
Blue (7%)



Red (7%)

Yellow (11%)

Blue (10%)

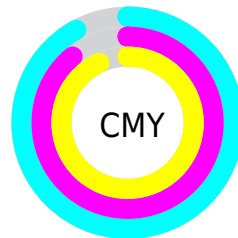


Cyan (25%)

Magenta (0%)

Yellow (32%)

Black (89%)



Cyan (92%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.8810, -2.8993, -3.4036 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 24.8810, -2.8993, -3.4036 by changing the saturation by 10% instead.

■ 24.8810, -2.8993,
-3.4036

■ 24.8810, -2.8993,
-3.4036

■ 250.9410, -3.9149,
-4.3333

■ 0.0000, 0.0000,
0.0000

■ 67.4680, -3.1887,
-3.9184

■ 91.3540, -3.6255,
-3.8185

■ 116.0550, -3.4781,
-4.4332

■ 141.0550, -3.4781,
-4.4332

■ 167.9410, -3.9149,
-4.3333

■ 194.9410, -3.9149,

-4.3333

■ 222.6420, -3.7675,
-4.9480

■ 24.8810, -2.8993,
-3.4036

■ 24.8810, -2.8993,
-3.4036

■ 23.9410, -3.9149,
-4.3333

■ 25.8210, -1.8838,
-2.4740

■ 23.0010, -4.9305,
-5.2629

■ 26.7610, -0.8682,
-1.5444

■ 21.8760, -5.3619,
-6.9073

■ 27.8860, -0.4368,
0.1000

■ 20.9360, -6.3774,
-7.8369

■ 28.8260, 0.5788,
1.0296

■ 19.9960, -7.3930,
-8.7665

■ 29.7660, 1.5944,
1.9592

■ 19.0560, -8.4086,
-9.6961

■ 30.7060, 2.6099,
2.8888

■ 18.2300, -8.9874,
-10.7257

■ 31.6460, 3.6255,
3.8185

■ 32.4720, 4.2043,
4.8481

■ 33.7110, 5.0725,
6.3925

Harmonies

Analogous

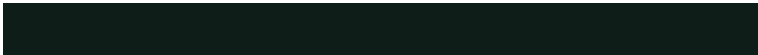
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.7460, -4.8048, 1.0998



24.8810, -2.8993, -3.4036



24.2440, -0.1203, -8.1070

Triad

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



24.8810, -2.8993, -3.4036



25.0360, 5.4053, -7.0476



26.8870, -1.9163, 7.9921

Complementary

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



24.8810, -2.8993, -3.4036



22.1190, 2.8993, 3.4036

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.



27.1580, 0.4151, 6.8774



24.8810, -2.8993, -3.4036



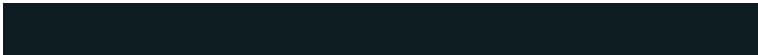
25.9550, 4.9522, -1.7145

Square

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



24.8810, -2.8993, -3.4036



23.7860, 4.5425, -10.3363



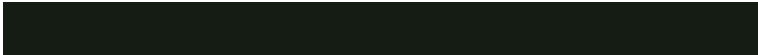
27.1190, 2.8993, 3.4036



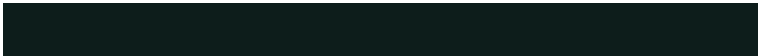
26.0180, -3.9529, 7.8772

Rectangle

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



24.8810, -2.8993, -3.4036



23.9880, 1.4849, -9.6365



27.1190, 2.8993, 3.4036



26.5280, -0.7533, 8.3069

Sweetspot

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



24.8810, -2.8993, -3.4036



34.6470, -1.3050, -1.4444



25.8000, -3.3524, 1.9294



17.1740, -0.5788, -1.0296



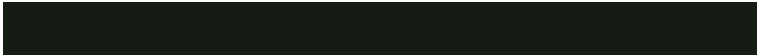
145.0000, 0.0000, 0.0000



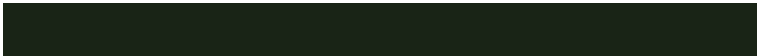
18.0000, 0.0000, 0.0000

Same Dimension

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



24.8810, -2.8993, -3.4036



31.1150, -4.4937, -5.3629



24.5110, -1.7309, -4.8331



12.4730, -0.7262, -0.4148



50.2820, -24.7890, -29.1883



133.2030, -65.6691, -77.3540

Inverse Universe

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



22.1190, 2.8993, 3.4036



26.8850, 4.4937, 5.3629



22.4890, 1.7309, 4.8331



11.5270, 0.7262, 0.4148



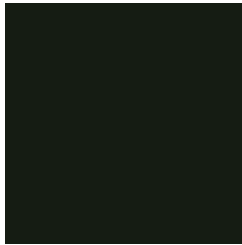
26.4190, 24.9364, 28.5735



70.7970, 65.6691, 77.3540

Previews

White Background



This preview shows how the YUV color 24.8810, -2.8993, -3.4036 looks on a white background.

Color Contrast Check

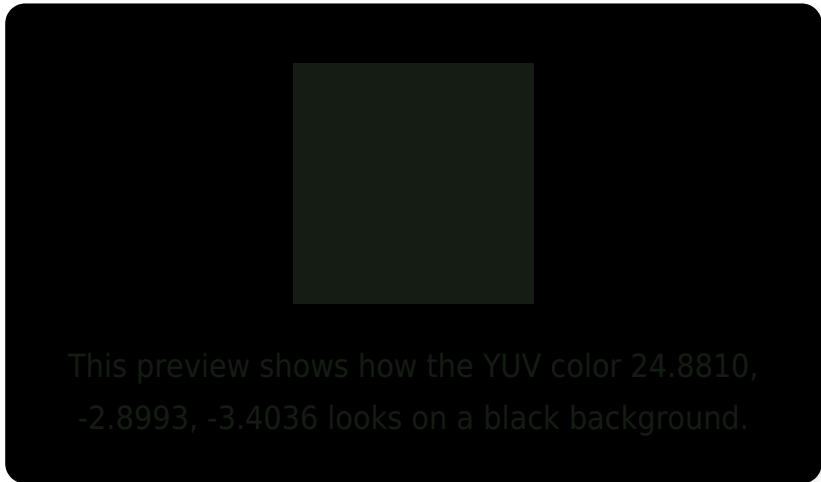
Large Text (above 18pt) WCAG AA ✓ Pass

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

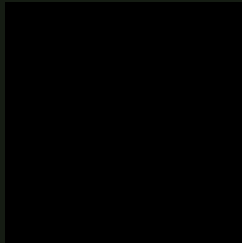
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.8810, -2.8993, -3.4036

Background



This preview shows how black text looks on a background with the YUV color 24.8810, -2.8993, -3.4036.



This preview shows how white text looks on a background with the YUV color 24.8810, -2.8993,

-3.4036.

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

24.8810, -2.8993, -3.4036

Protanopia

25.6860, -3.7892, 2.0294

Deuteranopia

26.2240, -3.0684, 4.1886



Tritanopia

26.0320, 1.4632, -2.6591

Trichromacy



Original Color

24.8810, -2.8993, -3.4036

Protanomaly

25.3760, -3.6364, -0.3298

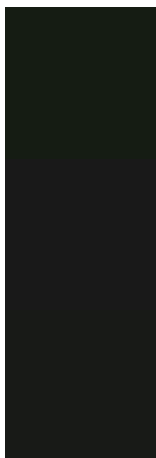
Deuteranomaly

25.6150, -2.7682, 1.2146

Tritanomaly

25.2770, -0.1366, -2.8739

Monochromacy



Original Color

24.8810, -2.8993, -3.4036

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.0600, -1.0156, -0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.8810, -2.8993, -3.4036 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(21, 28, 19)` looks like.

```
.text, #text, p{  
    color:rgb(21, 28, 19)  
}
```

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(21, 28, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 28, 19) }
```

Border

The CSS property to change the border of an element to YUV 24.8810, -2.8993, -3.4036 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(21, 28, 19) }
```


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

```
.border{ border-color:rgb(21, 28, 19) }
```

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

Here you see how a box with a 4 pixel rgb(21, 28, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 28, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 28, 19);  
box-shadow:4px 4px 4px 4px rgb(21, 28, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.8810, -2.8993, -3.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 28, 19) }
```

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

```
.background{ background-color: rgb(21, 28,  
19) }
```

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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