

Converting Colors

YUV(24.7810, 5.5310, -0.6849)

Have a look what the booklet for
YUV(24.7810, 5.5310, -0.6849)
contains.

YUV(24.7810, 5.5310, -0.6849)	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>	31

Color

**YUV(24.7810, 5.5310,
-0.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	181724
RGB	24, 23, 36
RGB Percent	9%, 9%, 14%
CMY	0.9059, 0.9098, 0.8588
CMYK	0.33, 0.36, 0.00, 0.86
HSL	245°, 22%, 12%
HSV	245°, 36%, 14%
XYZ	1.0015, 0.9344, 1.7966
YIQ	24.7810, -3.5770, 4.2550

Conversions

Conversions Part 2

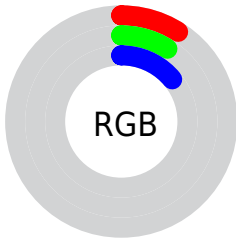
Format	Color
RYB	24, 23, 36
Decimal	1578788
CIELab	8.43, 4.31, -8.79
CIELCh	8, 9.790, 296.091
Yxy	0.9344, 0.2683, 0.2503
Android (android.graphics.Color)	4279768868 (0xFF181724)
YUV	24.7810, 5.5310, -0.6849
Hunter-Lab	9.6662, 1.5786, -4.2537

Details

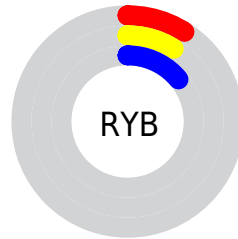
The YUV color **24.7810, 5.5310, -0.6849** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **34.2190, -5.5310, 0.6849**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.4220, 6.6940, -0.3701**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.5360, 7.1308, -0.4701**, and if you desaturate by 10%, it is **28.0260, 3.9312, -0.8998**.

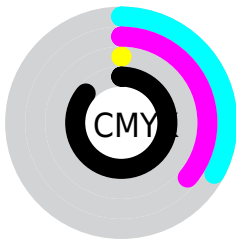
Distribution



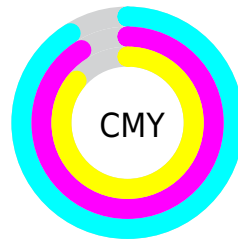
- Red (9%)
- Green (9%)
- Blue (14%)



- Red (9%)
- Yellow (9%)
- Blue (14%)



- Cyan (33%)
- Magenta (36%)
- Yellow (0%)
- Black (86%)



- Cyan (91%)
- Magenta (91%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.7810, 5.5310, -0.6849 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 24.7810, 5.5310, -0.6849 by changing the saturation by 10% instead.

■ 24.7810, 5.5310,
-0.6849

■ 24.7810, 5.5310,
-0.6849

■ 249.6950, 2.6154,
1.1445

■ 2.1830, 5.8258,
-1.9145

■ 67.4220, 6.6940,
-0.3701

■ 0.0000, 0.0000,
0.0000

■ 91.4220, 6.6940,
-0.3701

■ 115.5360, 7.1308,
-0.4701

■ 141.5360, 7.1308,
-0.4701

■ 167.6500, 7.5676,
-0.5700

■ 194.9490, 7.4201,

0.0447

■ 222.7640, 8.0043,
-0.6700

■ 24.7810, 5.5310,
-0.6849

■ 24.7810, 5.5310,
-0.6849

■ 21.5360, 7.1308,
-0.4701

■ 28.0260, 3.9312,
-0.8998

■ 18.5790, 8.5886,
-1.3848

■ 30.9830, 2.4734,
0.0149

■ 15.3340, 10.1883,
-1.1699

■ 34.2280, 0.8736,
-0.2000

■ 12.6760, 11.4987,
-1.4699

■ 36.8860, -0.4368,
0.1000

■ 9.1320, 13.2459,
-1.8698

■ 40.4300, -2.1840,
0.4999

■ 5.8870, 14.8457,
-1.6549

■ 43.6750, -3.7838,
0.2850

■ 5.0010, 15.2825,
-1.7549

■ 46.3330, -5.0942,
0.5850

■ 49.8770, -6.8414,
0.9849

■ 52.5350, -8.1518,
1.2848

Harmonies

Analogous

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



23.0790, 6.8631, -7.9623



24.7810, 5.5310, -0.6849



25.5430, 3.1833, 5.6628

Triad

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



24.7810, 5.5310, -0.6849



24.0460, -6.4317, 9.6067



20.8520, 1.0590, -13.0252

Complementary

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



24.7810, 5.5310, -0.6849



34.2190, -5.5310, 0.6849

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.



22.1580, -3.0359, -6.2776



24.7810, 5.5310, -0.6849



23.8560, -8.3100, 5.3883

Square

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



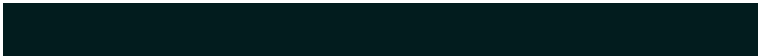
24.7810, 5.5310, -0.6849



24.9690, -2.9427, 10.5512



23.4640, -7.1308, 0.4701



20.4540, 4.7062, -16.1842

Rectangle

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



24.7810, 5.5310, -0.6849



25.3970, 1.2833, 8.4218



23.4640, -7.1308, 0.4701



21.5210, -0.2569, -10.9809

Sweetspot

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



24.7810, 5.5310, -0.6849



41.5700, 2.1840, -0.4999



31.5260, 2.2057, -7.4773



20.3420, 1.3104, -0.2999



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



24.7810, 5.5310, -0.6849



28.8780, 8.4411, -0.7700



26.5750, 4.6465, 3.0037



16.2280, 0.8736, -0.2000



11.1420, 34.9330, -4.5095



28.6100, 88.9323, -11.0590

Inverse Universe

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



28.2550, 3.3253, 6.7924



34.0320, 4.9142, 10.4959



32.4250, -4.6465, -3.0037



16.8260, 0.5788, 1.0296



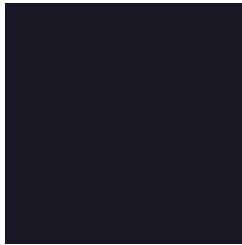
33.0680, 20.6725, 42.9134



84.4930, 53.4940, 109.1926

Previews

White Background



This preview shows how the YUV color 24.7810, 5.5310, -0.6849 looks on a white background.

Color Contrast Check

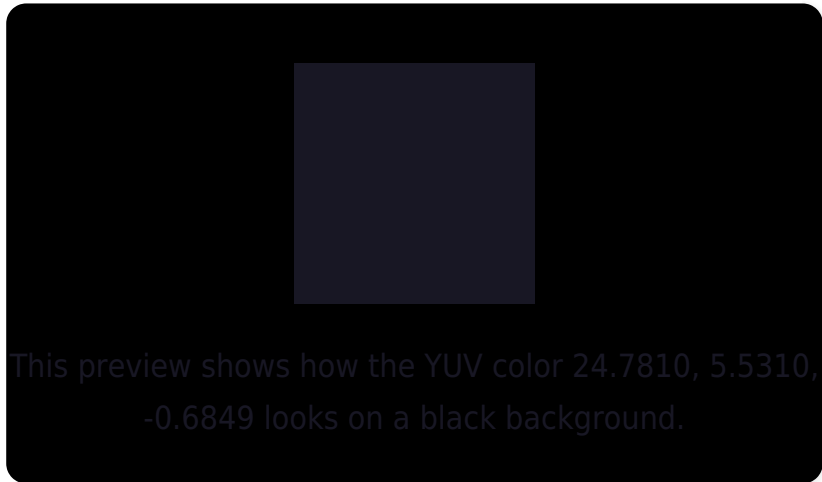
Large Text (above 18pt) WCAG AA ✓ Pass

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

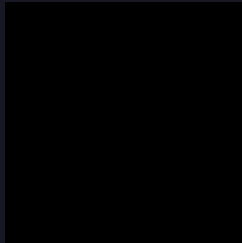
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

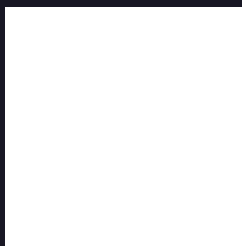
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 24.7810, 5.5310, -0.6849

Background



This preview shows how black text looks on a background with the YUV color 24.7810, 5.5310, -0.6849.



This preview shows how white text looks on a background with the YUV color 24.7810, 5.5310,

-0.6849.

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

24.7810, 5.5310, -0.6849

Protanopia

24.2860, 6.2680, -3.7588

Deuteranopia

24.1720, 5.8312, -3.6588



Tritanopia

24.3310, 1.3158, -2.0443

Trichromacy



Original Color

24.7810, 5.5310, -0.6849

Protanomaly

24.5850, 6.1206, -3.1440

Deuteranomaly

24.4710, 5.6838, -3.0441

Tritanomaly

24.3850, 2.7682, -1.2146

Monochromacy



Original Color

24.7810, 5.5310, -0.6849

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.7810, 5.5310, -0.6849 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(24, 23, 36)` looks like.

```
.text, #text, p{  
    color:rgb(24, 23, 36)  
}
```

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(24, 23, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 23, 36) }
```

Border

The CSS property to change the border of an element to YUV 24.7810, 5.5310, -0.6849 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(24, 23, 36) }
```


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

```
.border{ border-color:rgb(24, 23, 36) }
```

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

Here you see how a box with a 4 pixel rgb(24, 23, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 23, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 23, 36);  
box-shadow:4px 4px 4px 4px rgb(24, 23, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.7810, 5.5310, -0.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 23, 36) }
```

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

```
.background{ background-color: rgb(24, 23,  
36) }
```

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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