

Converting Colors

YUV(24.8130, -6.3168, 19.4580)

Have a look what the booklet for
YUV(24.8130, -6.3168, 19.4580)
contains.

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Color

**YUV(24.8130, -6.3168,
19.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	2F100C
RGB	47, 16, 12
RGB Percent	18%, 6%, 5%
CMY	0.8157, 0.9373, 0.9529
CMYK	0.00, 0.66, 0.74, 0.82
HSL	7°, 59%, 12%
HSV	7°, 74%, 18%
XYZ	1.4239, 1.0015, 0.4661
YIQ	24.8130, 19.7600, 5.3280

Conversions

Conversions Part 2

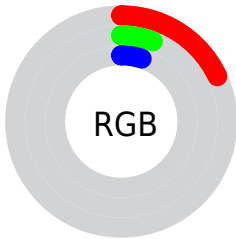
Format	Color
R_YB	47, 17, 12
Decimal	3084300
CIE Lab	9.00, 15.49, 8.86
CIE LCh	9, 17.839, 29.768
Yxy	1.0015, 0.4925, 0.3463
Android (android.graphics.Color)	4281274380 (0xFF2F100C)
YUV	24.8130, -6.3168, 19.4580
Hunter-Lab	10.0073, 7.8860, 4.2438

Details

The YUV color **24.8130, -6.3168, 19.4580** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.1870, 6.3168, -19.4580**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.3080, -7.0538, 22.5319**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.8950, -7.3432, 22.0171**, and if you desaturate by 10%, it is **27.7310, -5.2904, 16.8989**.

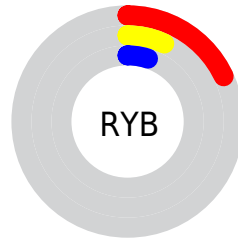
Distribution



Red (18%)

Green (6%)

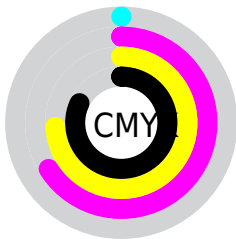
Blue (5%)



Red (18%)

Yellow (7%)

Blue (5%)

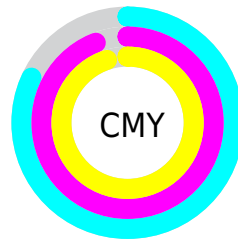


Cyan (0%)

Magenta (66%)

Yellow (74%)

Black (82%)



Cyan (82%)

Magenta (94%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.8130, -6.3168, 19.4580 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 24.8130, -6.3168, 19.4580 by changing the saturation by 10% instead.

■ 24.8130, -6.3168,
19.4580

■ 24.8130, -6.3168,
19.4580

■ 244.6160, -4.2477,
9.1068

■ 7.2900, -3.1010,
14.6547

■ 69.3080, -7.0538,
22.5319

■ 0.0000, 0.0000,
0.0000

■ 93.2050, -7.4961,
24.3762

■ 118.3900, -8.0803,
25.0910

■ 143.9880, -8.3751,
26.3205

■ 170.5860, -8.6699,
27.5501

■ 197.8850, -8.8173,

28.1649

■ 224.8740, -8.8119,
26.4205

■ 24.8130, -6.3168,
19.4580

■ 24.8130, -6.3168,
19.4580

■ 21.8950, -7.3432,
22.0171

■ 27.7310, -5.2904,
16.8989

■ 19.0910, -7.9329,
24.4762

■ 30.5350, -4.7008,
14.4398

■ 16.9880, -8.3751,
26.3205

■ 33.4530, -3.6743,
11.8807

■ 36.9580, -2.9373,
8.8068

■ 39.8760, -1.9109,
6.2477

■ 42.6800, -1.3212,
3.7886

■ 45.5980, -0.2948,
1.2296

■ 48.5160, 0.7316,
-1.3295

■ 51.3200, 1.3212,
-3.7886

Harmonies

Analogous

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



25.8220, 0.0878, 18.5731



24.8130, -6.3168, 19.4580



24.5970, -12.1263, 16.1394

Triad

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



24.8130, -6.3168, 19.4580



20.2340, -5.0454, -15.1142



21.4350, 13.5895, -18.7985

Complementary

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



24.8130, -6.3168, 19.4580



34.1870, 6.3168, -19.4580

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.



22.8540, 11.4110, -20.0430



24.8130, -6.3168, 19.4580



21.6340, 1.6594, -18.9730

Square

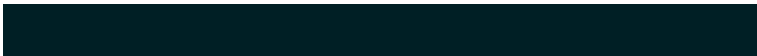
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.8130, -6.3168, 19.4580



23.0140, -11.3459, -0.8893



22.4150, 7.1904, -19.6580



25.9320, 9.8935, 0.0596

Rectangle

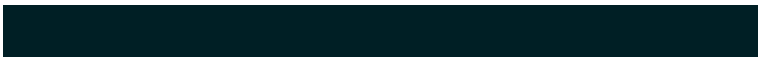
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.8130, -6.3168, 19.4580



24.5640, -12.1101, 10.9064



22.4150, 7.1904, -19.6580



22.0220, 13.3002, -19.3133

Sweetspot

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



24.8130, -6.3168, 19.4580



52.4740, -2.2057, 7.4773



26.1130, 8.8183, 18.3179



25.9790, -1.4686, 4.4034



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.



24.8130, -6.3168, 19.4580



26.6680, -9.6963, 30.1092



34.7920, -11.2365, 10.7064



21.5980, -0.2948, 1.2296



31.8830, -15.7183, 48.3376



78.0740, -38.4905, 119.2071

Inverse Universe

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



34.1870, 6.3168, -19.4580



41.3320, 9.6963, -30.1092



24.2080, 11.2365, -10.7064



22.4020, 0.2948, -1.2296



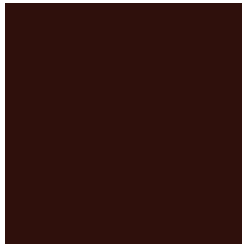
55.1170, 15.7183, -48.3376



135.9260, 38.4905, -119.2071

Previews

White Background



This preview shows how the YUV color 24.8130, -6.3168, 19.4580 looks on a white background.

Color Contrast Check

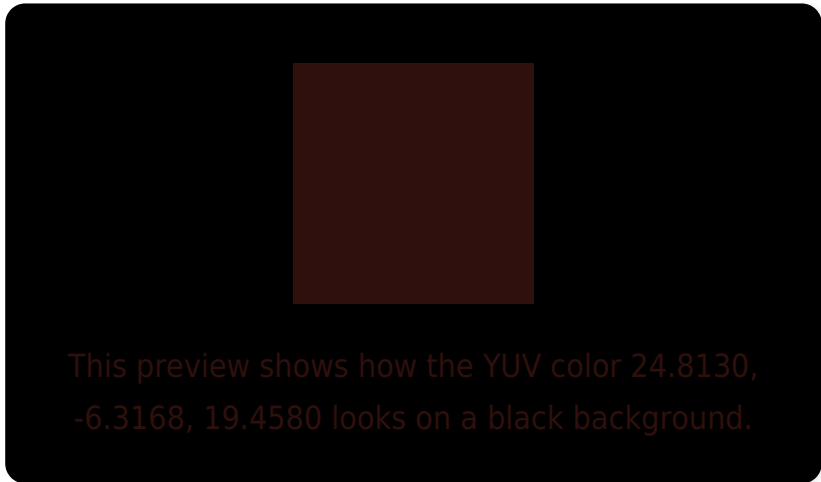
Large Text (above 18pt) WCAG AA ✓ Pass

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

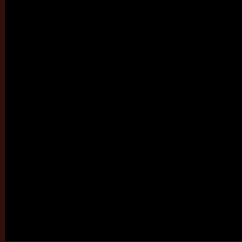
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.8130, -6.3168, 19.4580

Background



This preview shows how black text looks on a background with the YUV color 24.8130, -6.3168, 19.4580.



This preview shows how white text looks on a background with the YUV color 24.8130, -6.3168,

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

24.8130, -6.3168, 19.4580

Protanopia

26.2300, -5.5364, 2.4293

Deuteranopia

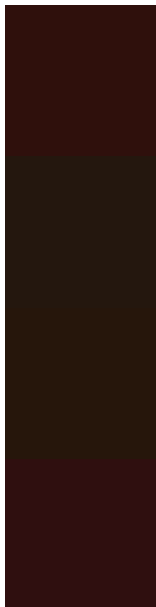
25.6820, -7.7312, 6.4179



Tritanopia

24.6820, -4.2802, 19.5729

Trichromacy



Original Color

24.8130, -6.3168, 19.4580

Protanomaly

25.8610, -5.8475, 8.8919

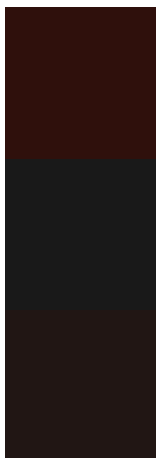
Deuteranomaly

25.5300, -7.1633, 10.9362

Tritanomaly

24.5680, -4.7170, 19.6729

Monochromacy



Original Color

24.8130, -6.3168, 19.4580

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.0610, -2.4951, 6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.8130, -6.3168, 19.4580 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(47, 16, 12)` looks like.

```
.text, #text, p{  
    color:rgb(47, 16, 12)  
}
```

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(47, 16, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 16, 12) }
```

Border

The CSS property to change the border of an element to YUV 24.8130, -6.3168, 19.4580 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(47, 16, 12) }
```


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

```
.border{ border-color:rgb(47, 16, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 16, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 16, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 16, 12);  
box-shadow:4px 4px 4px 4px rgb(47, 16, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.8130, -6.3168, 19.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 16, 12) }
```

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

```
.background{ background-color: rgb(47, 16,  
12) }
```

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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