

Converting Colors

YUV(23.0280, -2.4788, 1.7294)

Have a look what the booklet for
YUV(23.0280, -2.4788, 1.7294)
contains.

YUV(23.0280, -2.4788, 1.7294)	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(23.0280, -2.4788,
1.7294)**

Conversions

Conversions Part 1

Format	Color
Hex	191712
RGB	25, 23, 18
RGB Percent	10%, 9%, 7%
CMY	0.9020, 0.9098, 0.9294
CMYK	0.00, 0.08, 0.28, 0.90
HSL	43°, 16%, 8%
HSV	43°, 28%, 10%
XYZ	0.8165, 0.8631, 0.6958
YIQ	23.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

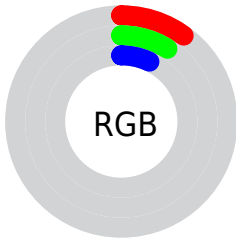
Format	Color
RYB	21, 25, 18
Decimal	1644306
CIELab	7.80, -0.16, 3.49
CIELCh	8, 3.493, 92.625
Yxy	0.8631, 0.3437, 0.3634
Android (android.graphics.Color)	4279834386 (0xFF191712)
YUV	23.0280, -2.4788, 1.7294
Hunter-Lab	9.2905, -0.5713, 2.0627

Details

The YUV color **23.0280, -2.4788, 1.7294** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **19.9720, 2.4788, -1.7294**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.3270, -2.6262, 2.3442**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.2130, -3.0630, 2.4442**, and if you desaturate by 10%, it is **23.9570, -1.4578, 0.9147**.

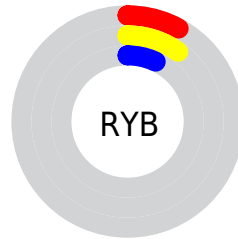
Distribution



 Red (10%)

 Green (9%)

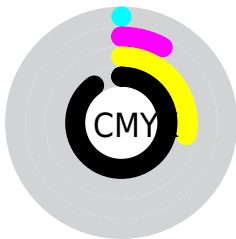
 Blue (7%)



 Red (8%)

 Yellow (10%)

 Blue (7%)

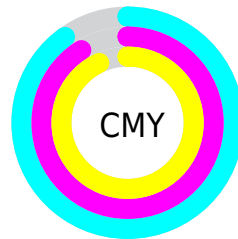


 Cyan (0%)

 Magenta (8%)

 Yellow (28%)

 Black (90%)



 Cyan (90%)

 Magenta (91%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.0280, -2.4788, 1.7294 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 23.0280, -2.4788, 1.7294 by changing the saturation by 10% instead.

■ 23.0280, -2.4788,
1.7294

■ 23.0280, -2.4788,
1.7294

■ 248.2130, -3.0630,
2.4442

■ 0.0000, 0.0000,
0.0000

■ 65.3270, -2.6262,
2.3442

■ 88.9140, -2.9156,
1.8294

■ 113.3270, -2.6262,
2.3442

■ 138.9140, -2.9156,
1.8294

■ 165.2130, -3.0630,
2.4442

■ 192.2130, -3.0630,

2.4442

■ 220.2130, -3.0630,
2.4442

■ 23.0280, -2.4788,
1.7294

■ 23.0280, -2.4788,
1.7294

■ 22.2130, -3.0630,
2.4442

■ 23.9570, -1.4578,
0.9147

■ 21.8710, -4.3734,
2.7441

■ 24.1850, -0.5842,
0.7148

■ 21.0560, -4.9576,
3.4589

■ 25.1140, 0.4368,
-0.1000

■ 20.1270, -5.9786,
4.2736

■ 25.9290, 1.0210,
-0.8147

■ 19.3120, -6.5628,
4.9884

■ 26.8580, 2.0420,
-1.6295

■ 18.9700, -7.8732,
5.2883

■ 27.0860, 2.9156,
-1.8294

■ 18.1550, -8.4574,
6.0031

■ 28.0150, 3.9366,
-2.6442

■ 18.0410, -8.8942,
6.1030

■ 28.8300, 4.5208,
-3.3589

■ 29.1720, 5.8312,
-3.6588

Harmonies

Analogous

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



23.1530, -2.0474, 3.3738



23.0280, -2.4788, 1.7294



22.8320, -1.8892, -0.7297

Triad

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



23.0280, -2.4788, 1.7294



22.1350, 1.9054, -4.5034



23.5380, 0.7208, 2.1592

Complementary

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



23.0280, -2.4788, 1.7294



19.9720, 2.4788, -1.7294

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.



23.1680, 1.8892, 0.7297



23.0280, -2.4788, 1.7294



22.5480, 2.1948, -3.9886

Square

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



23.0280, -2.4788, 1.7294



22.3800, 0.3057, -4.7183



22.9720, 2.4788, -1.7294



23.9080, -0.4476, 3.5887

Rectangle

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



23.0280, -2.4788, 1.7294



22.3480, -1.1576, -2.0592



22.9720, 2.4788, -1.7294



23.6520, 1.1576, 2.0592

Sweetspot

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



23.0280, -2.4788, 1.7294



32.0710, -1.0210, 0.8147



20.3210, -0.1583, 4.1035



17.1850, -0.5842, 0.7148



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.



23.0280, -2.4788, 1.7294



29.9850, -3.9366, 2.6442



23.9030, -2.9102, 0.0851



12.1850, -0.5842, 0.7148



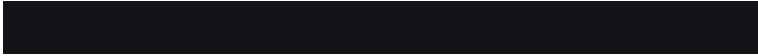
55.3080, -27.2668, 19.0239



146.6980, -72.3221, 50.2539

Inverse Universe

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



19.9720, 2.4788, -1.7294



25.0150, 3.9366, -2.6442



19.0970, 2.9102, -0.0851



11.8150, 0.5842, -0.7148



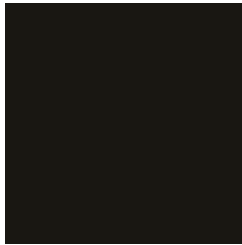
21.6920, 27.2668, -19.0239



57.3020, 72.3221, -50.2539

Previews

White Background



This preview shows how the YUV color 23.0280, -2.4788, 1.7294 looks on a white background.

Color Contrast Check

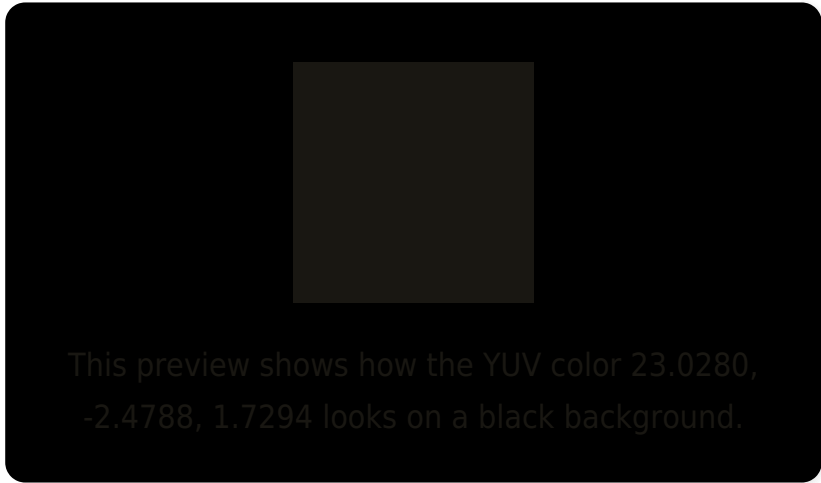
Large Text (above 18pt) WCAG AA ✓ Pass

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

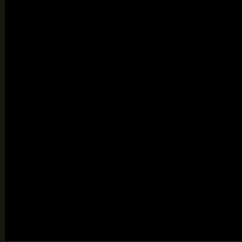
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.0280, -2.4788, 1.7294

Background



This preview shows how black text looks on a background with the YUV color 23.0280, -2.4788, 1.7294.



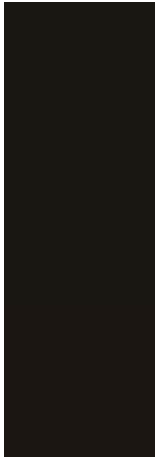
This preview shows how white text looks on a background with the YUV color 23.0280, -2.4788,

1.7294.

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

23.0280, -2.4788, 1.7294

Protanopia

23.0280, -2.4788, 1.7294

Deuteranopia

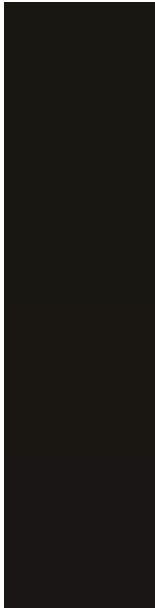
23.0390, -2.4842, 3.4738



Tritanopia

23.4240, 0.2840, 2.2592

Trichromacy



Original Color

23.0280, -2.4788, 1.7294

Protanomaly

23.0280, -2.4788, 1.7294

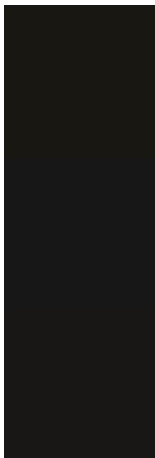
Deuteranomaly

22.7400, -2.3368, 2.8590

Tritanomaly

23.1960, -0.5896, 2.4591

Monochromacy



Original Color

23.0280, -2.4788, 1.7294

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.0710, -1.0210, 0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.0280, -2.4788, 1.7294 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(25, 23, 18)` looks like.

```
.text, #text, p{  
    color:rgb(25, 23, 18)  
}
```

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(25, 23, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 23, 18) }
```

Border

The CSS property to change the border of an element to YUV 23.0280, -2.4788, 1.7294 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(25, 23, 18) }
```


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

```
.border{ border-color:rgb(25, 23, 18) }
```

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

Here you see how a box with a 4 pixel rgb(25, 23, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 23, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 23, 18);  
box-shadow:4px 4px 4px 4px rgb(25, 23, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.0280, -2.4788, 1.7294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 23, 18) }
```

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

```
.background{ background-color: rgb(25, 23,  
18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor