

Converting Colors

YUV(28.1180, 7.8298, 8.6665)

Have a look what the booklet for
YUV(28.1180, 7.8298, 8.6665)
contains.

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Color

**YUV(28.1180, 7.8298,
8.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	26142C
RGB	38, 20, 44
RGB Percent	15%, 8%, 17%
CMY	0.8510, 0.9216, 0.8275
CMYK	0.14, 0.55, 0.00, 0.83
HSL	285°, 38%, 13%
HSV	285°, 55%, 17%
XYZ	1.5041, 1.0942, 2.5148
YIQ	28.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

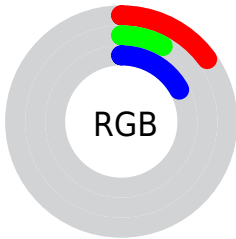
Format	Color
R_{YB}	38, 20, 44
Decimal	2495532
CIE Lab	9.75, 14.53, -12.55
CIE LCh	10, 19.200, 319.164
Yxy	1.0942, 0.2942, 0.2140
Android (android.graphics.Color)	4280685612 (0xFF26142C)
YUV	28.1180, 7.8298, 8.6665
Hunter-Lab	10.4605, 7.3603, -6.9314

Details

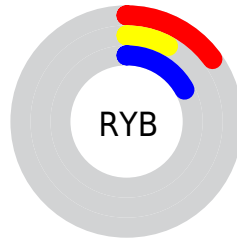
The YUV color **28.1180, 7.8298, 8.6665** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **35.8820, -7.8298, -8.6665**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.3570, 8.6980, 10.2109**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.4710, 9.1348, 10.1109**, and if you desaturate by 10%, it is **30.7650, 6.5249, 7.2221**.

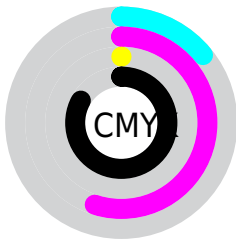
Distribution



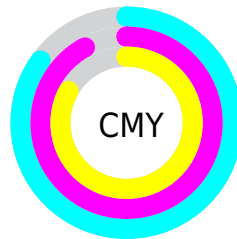
- Red (15%)
- Green (8%)
- Blue (17%)



- Red (15%)
- Yellow (8%)
- Blue (17%)



- Cyan (14%)
- Magenta (55%)
- Yellow (0%)
- Black (83%)



- Cyan (85%)
- Magenta (92%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.1180, 7.8298, 8.6665 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 28.1180, 7.8298, 8.6665 by changing the saturation by 10% instead.

■ 28.1180, 7.8298,
8.6665

■ 28.1180, 7.8298,
8.6665

■ 249.7170, 2.6045,
4.6332

■ 8.4170, 7.6824,
9.2813

■ 72.3570, 8.6980,
10.2109

■ 0.0000, 0.0000,
0.0000

■ 95.7700, 8.9874,
10.7257

■ 120.8840, 9.4242,
10.6257

■ 146.5960, 9.5662,
11.7553

■ 173.0090, 9.8556,
12.2701

■ 201.0090, 9.8556,

12.2701

■ 228.5360, 10.5818,
12.6849

■ 28.1180, 7.8298,
8.6665

■ 28.1180, 7.8298,
8.6665

■ 25.4710, 9.1348,
10.1109

■ 30.7650, 6.5249,
7.2221

■ 22.2370, 10.7292,
12.0702

■ 33.9990, 4.9305,
5.2629

■ 19.5900, 12.0341,
13.5146

■ 36.6460, 3.6255,
3.8185

■ 16.3560, 13.6285,
15.4738

■ 39.8800, 2.0312,
1.8592

■ 14.8830, 14.3547,
15.8886

■ 42.8260, 0.5788,
1.0296

■ 45.4730, -0.7262,
-0.4148

■ 48.7070, -2.3206,
-2.3740

■ 51.3540, -3.6255,
-3.8185

■ 54.5880, -5.2199,
-5.7777

Harmonies

Analogous

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



26.1700, 12.2412, -6.2881



28.1180, 7.8298, 8.6665



27.3920, 2.2717, 18.0732

Triad

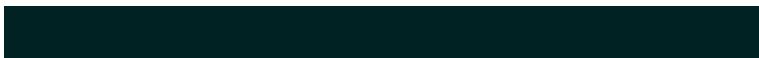
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.1180, 7.8298, 8.6665



26.3360, -12.9836, 11.1063



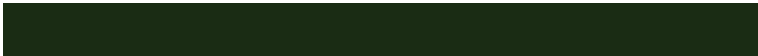
23.9480, 5.4486, -21.0024

Complementary

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



28.1180, 7.8298, 8.6665



35.8820, -7.8298, -8.6665

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.



21.8790, 0.0597, -19.1879



28.1180, 7.8298, 8.6665



25.3950, -12.5197, 2.2846

Square

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



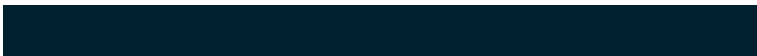
28.1180, 7.8298, 8.6665



25.3200, -11.9898, 19.0134



22.5290, -9.1348, -10.1109



24.0280, 10.8322, -21.0726

Rectangle

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



28.1180, 7.8298, 8.6665



26.4910, -1.2281, 20.6174



22.5290, -9.1348, -10.1109



23.4920, 3.7014, -20.6025

Sweetspot

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



28.1180, 7.8298, 8.6665



50.1190, 2.8993, 3.4036



26.2580, 8.7468, -5.4883



24.7660, 1.5944, 1.9592



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



28.1180, 7.8298, 8.6665



32.1770, 11.7447, 12.9998



29.2280, 4.3246, 12.9550



21.5270, 0.7262, 0.4148



29.3530, 28.4200, 31.2624



72.5350, 69.7422, 77.5838

Inverse Universe

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



27.8600, -0.9170, 14.1548



31.7900, -1.3755, 21.2322



34.7720, -4.3246, -12.9550



21.5980, -0.2948, 1.2296



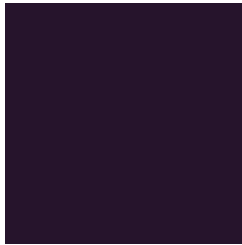
28.5210, -3.2149, 51.2861



70.1420, -7.9580, 126.1635

Previews

White Background



This preview shows how the YUV color 28.1180, 7.8298, 8.6665 looks on a white background.

Color Contrast Check

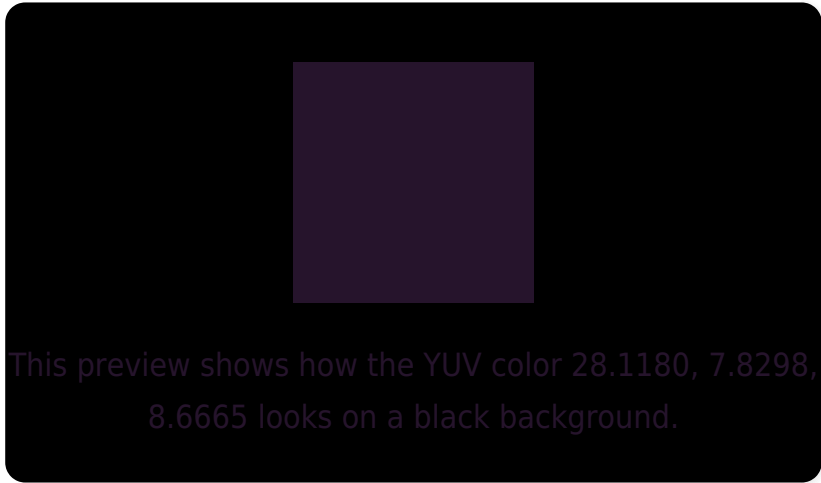
Large Text (above 18pt) WCAG AA ✓ Pass

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

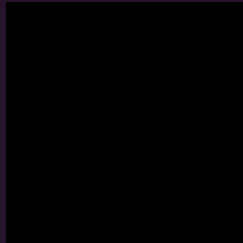
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.1180, 7.8298, 8.6665

Background



This preview shows how black text looks on a background with the YUV color 28.1180, 7.8298, 8.6665.



This preview shows how white text looks on a background with the YUV color 28.1180, 7.8298,

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

28.1180, 7.8298, 8.6665

Protanopia

26.3330, 11.6678, -9.0620

Deuteranopia

27.3180, 7.7312, -6.4179



Tritanopia

28.1040, -1.0373, 6.0478

Trichromacy



Original Color

28.1180, 7.8298, 8.6665

Protanomaly

26.7360, 10.4832, -2.3995

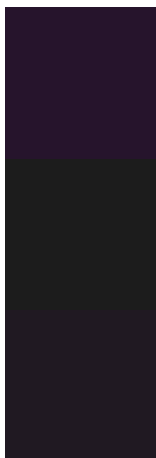
Deuteranomaly

27.6500, 7.5676, -0.5700

Tritanomaly

28.0270, 2.4517, 6.9923

Monochromacy



Original Color

28.1180, 7.8298, 8.6665

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.1190, 2.8993, 3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.1180, 7.8298, 8.6665 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(38, 20, 44)` looks like.

```
.text, #text, p{  
    color:rgb(38, 20, 44)  
}
```

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(38, 20, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 20, 44) }
```

Border

The CSS property to change the border of an element to YUV 28.1180, 7.8298, 8.6665 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(38, 20, 44) }
```


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

```
.border{ border-color:rgb(38, 20, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 20, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 20, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 20, 44);  
box-shadow:4px 4px 4px 4px rgb(38, 20, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.1180, 7.8298, 8.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 20, 44) }
```

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

```
.background{ background-color: rgb(38, 20,  
44) }
```

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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