

Converting Colors

YUV(116.0140, -28.1079,
8.7577)

Have a look what the booklet for
YUV(116.0140, -28.1079, 8.7577)
contains.

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Color

**YUV(116.0140, -28.1079,
8.7577)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7E7A3B |
| RGB | 126, 122, 59 |
| RGB Percent | 49%, 48%, 23% |
| CMY | 0.5059, 0.5216, 0.7686 |
| CMYK | 0.00, 0.03, 0.53, 0.51 |
| HSL | 56°, 36%, 36% |
| HSV | 56°, 53%, 49% |
| XYZ | 16.3531, 18.6705, 6.8795 |
| YIQ | 116.0140, 22.6070, -18.7450 |

Conversions

Conversions Part 2

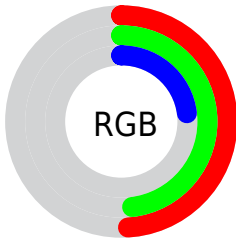
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 63, 126, 59 |
| Decimal | 8288827 |
| CIELab | 50.30, -7.68, 34.65 |
| CIElCh | 50, 35.492, 102.496 |
| Yxy | 18.6705, 0.3903, 0.4456 |
| Android (android.graphics.Color) | 4286478907 (0xFF7E7A3B) |
| YUV | 116.0140, -28.1079, 8.7577 |
| Hunter-Lab | 43.2093, -8.0606, 20.8067 |

Details

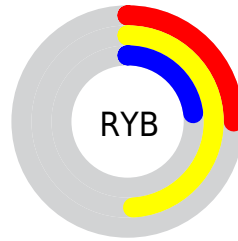
The YUV color **116.0140, -28.1079, 8.7577** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **68.9860, 28.1079, -8.7577**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2700, -29.7131, 10.2872**, and **67.1170, -27.6657, 6.9134** is the 20% darker color. If you saturate the color by 10%, you get **113.9450, -33.4969, 10.5722**, and if you desaturate by 10%, it is **118.0830, -22.7189, 6.9432**.

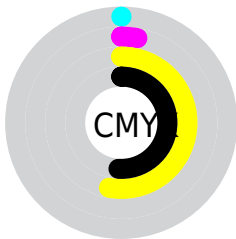
Distribution



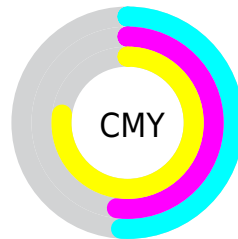
- Red (49%)
- Green (48%)
- Blue (23%)



- Red (25%)
- Yellow (49%)
- Blue (23%)



- Cyan (0%)
- Magenta (3%)
- Yellow (53%)
- Black (51%)



- Cyan (51%)
- Magenta (52%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0140, -28.1079, 8.7577 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 116.0140, -28.1079, 8.7577 by changing the saturation by 10% instead.

■ 116.0140,
-28.1079, 8.7577

■ 116.0140,
-28.1079, 8.7577

■ 255.0000, 0.0000,
0.0000

■ 90.8290, -27.5237,
8.0430

■ 168.2700,
-29.7131, 10.2872

■ 67.1170, -27.6657,
6.9134

■ 196.0420,
-30.5867, 10.4872

■ 45.4850, -22.4241,
5.7137

■ 224.2270,
-31.1709, 11.2019

■ 25.6830, -12.6617,
1.1550

■ 247.3620,
-29.2655, 6.6985

■ 1.1740, -0.5788,
-1.0296

■ 250.5540,
-17.0351, 3.8991

■ 0.0000, 0.0000,
0.0000

■ 253.7460, -4.8048,

1.0998

■ 116.0140,
-28.1079, 8.7577

■ 116.0140,
-28.1079, 8.7577

■ 113.9450,
-33.4969, 10.5722

■ 118.0830,
-22.7189, 6.9432

■ 111.9900,
-38.4491, 12.2868

■ 120.0380,
-17.7667, 5.2287

■ 110.5080,
-44.1274, 13.5865

■ 121.5200,
-12.0884, 3.9290

■ 108.5530,
-49.0796, 15.3010

■ 123.4750, -7.1362,
2.2144

■ 106.9400,
-52.7214, 16.7156

■ 125.5440, -1.7472,
0.3999

■ 127.6130, 3.6418,
-1.4146

■ 128.9810, 8.8834,
-2.6143

■ 131.0500, 14.2723,
-4.4289

■ 133.0050, 19.2245,
-6.1434

Harmonies

Analogous

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



118.5590, -27.8836, 30.2048



116.0140, -28.1079, 8.7577



112.5530, -19.0066, -17.1480

Triad

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



116.0140, -28.1079, 8.7577



96.3110, 31.3987, -84.4647



122.7180, 8.0270, 38.8353

Complementary

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



116.0140, -28.1079, 8.7577



68.9860, 28.1079, -8.7577

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.



123.0660, 20.1805, 13.9741



116.0140, -28.1079, 8.7577



100.0980, 37.9127, -73.7539

Square

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



116.0140, -28.1079, 8.7577



94.2930, 18.5896, -82.6950



117.7780, 30.1824, -20.8533



121.0000, -6.4090, 49.1120

Rectangle

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



116.0140, -28.1079, 8.7577



108.1790, -8.4692, -36.9910



117.7780, 30.1824, -20.8533



123.1130, 12.2693, 31.4729

Sweetspot

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



116.0140, -28.1079, 8.7577



159.4490, -11.0674, 3.1142



79.4890, -8.1291, 40.7901



79.5890, -6.6994, 2.1144



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



116.0140, -28.1079, 8.7577



147.6220, -43.6906, 13.4865



109.6910, -24.9907, -11.1300



62.6150, -2.7682, 1.2146



108.7120, -53.5950, 16.9156



0.0000, 0.0000, 0.0000

Inverse Universe

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



68.9860, 28.1079, -8.7577



74.3780, 43.6906, -13.4865



75.3090, 24.9907, 11.1300



58.3850, 2.7682, -1.2146



19.2880, 53.5950, -16.9156



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 116.0140, -28.1079, 8.7577 looks on a white background.

Color Contrast Check

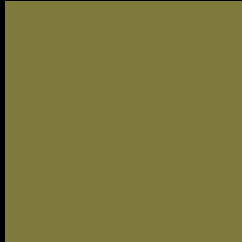
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 116.0140, -28.1079, 8.7577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

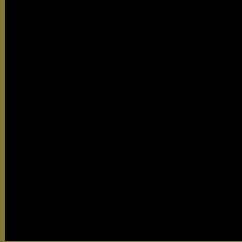
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.0140, -28.1079, 8.7577

Background



This preview shows how black text looks on a background with the YUV color 116.0140, -28.1079, 8.7577.



This preview shows how white text looks on a background with the YUV color 116.0140, -28.1079, 8.7577.

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

116.0140, -28.1079, 8.7577

Protanopia

116.5200, -28.8504, 13.5760

Deuteranopia

117.8250, -28.0147, 25.5865



Tritanopia

121.1090, 1.4253, 9.5514

Trichromacy



Original Color

116.0140, -28.1079, 8.7577

Protanomaly

116.5090, -28.8449, 11.8316

Deuteranomaly

117.0800, -28.1404, 19.2238

Tritanomaly

119.5360, -9.6312, 9.1769

Monochromacy



Original Color

116.0140, -28.1079, 8.7577

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9760, -10.3412, 3.5290

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0140, -28.1079, 8.7577 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(126, 122, 59)` looks like.

```
.text, #text, p{  
    color:rgb(126, 122, 59)  
}
```

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(126, 122, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 122, 59) }
```

Border

The CSS property to change the border of an element to YUV 116.0140, -28.1079, 8.7577 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(126, 122, 59) }
```


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

```
.border{ border-color:rgb(126, 122, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 122, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 122, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 122, 59);  
box-shadow:4px 4px 4px 4px rgb(126, 122,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 116.0140, -28.1079, 8.7577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 122, 59) }
```

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

```
.background{ background-color: rgb(126,  
122, 59) }
```

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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