

Converting Colors

YUV(27.2830, 0.8465, 8.5218)

Have a look what the booklet for
YUV(27.2830, 0.8465, 8.5218)
contains.

YUV(27.2830, 0.8465, 8.5218)	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(27.2830, 0.8465,
8.5218)**

Conversions

Conversions Part 1

Format	Color
Hex	25161D
RGB	37, 22, 29
RGB Percent	15%, 9%, 11%
CMY	0.8549, 0.9137, 0.8863
CMYK	0.00, 0.41, 0.22, 0.85
HSL	332°, 25%, 12%
HSV	332°, 41%, 15%
XYZ	1.2716, 1.0558, 1.2992
YIQ	27.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

Format	Color
RYB	37, 22, 29
Decimal	2430493
CIELab	9.45, 9.01, -1.83
CIElCh	9, 9.191, 348.544
Yxy	1.0558, 0.3506, 0.2911
Android (android.graphics.Color)	4280620573 (0xFF25161D)
YUV	27.2830, 0.8465, 8.5218
Hunter-Lab	10.2754, 4.1082, -0.3035

Details

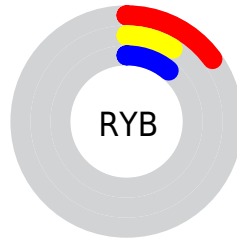
The YUV color **27.2830, 0.8465, 8.5218** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **31.7170, -0.8465, -8.5218**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.8810, 0.5517, 9.7514**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.7070, 1.1304, 10.7810**, and if you desaturate by 10%, it is **29.8590, 0.5625, 6.2627**.

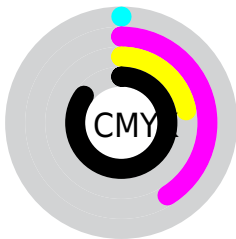
Distribution



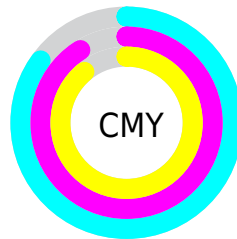
- Red (15%)
- Green (9%)
- Blue (11%)



- Red (15%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (22%)
- Black (85%)



- Cyan (85%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.2830, 0.8465, 8.5218 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 27.2830, 0.8465, 8.5218 by changing the saturation by 10% instead.

■ 27.2830, 0.8465,
8.5218

■ 27.2830, 0.8465,
8.5218

■ 250.8910, 2.0257,
3.6036

■ 4.7130, -1.3375,
9.0217

■ 70.8810, 0.5517,
9.7514

■ 0.0000, 0.0000,
0.0000

■ 94.2940, 0.8411,
10.2662

■ 119.5930, 0.6937,
10.8809

■ 145.0060, 0.9830,
11.3957

■ 171.3050, 0.8356,
12.0105

■ 198.6040, 0.6882,

12.6253

■ 226.7180, 1.1250,
12.5253

■ 27.2830, 0.8465,
8.5218

■ 27.2830, 0.8465,
8.5218

■ 24.7070, 1.1304,
10.7810

■ 29.8590, 0.5625,
6.2627

■ 22.7180, 1.1250,
12.5253

■ 31.8480, 0.5679,
4.5183

■ 20.1420, 1.4090,
14.7845

■ 34.4240, 0.2840,
2.2592

■ 17.5660, 1.6930,
17.0436

■ 37.0000, 0.0000,
0.0000

■ 14.9900, 1.9769,
19.3028

■ 39.5760, -0.2840,
-2.2592

■ 13.0010, 1.9715,
21.0471

■ 41.5650, -0.2785,
-4.0035

■ 44.1410, -0.5625,
-6.2627

■ 46.7170, -0.8465,
-8.5218

■ 48.7060, -0.8411,
-10.2662

Harmonies

Analogous

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



27.0590, 3.9149, 4.3333



27.2830, 0.8465, 8.5218



27.1970, -2.0691, 10.3512

Triad

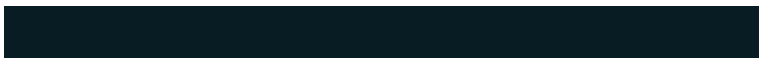
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.2830, 0.8465, 8.5218



25.4040, -6.1152, 1.3997



23.4050, 5.7163, -13.5102

Complementary

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



27.2830, 0.8465, 8.5218



31.7170, -0.8465, -8.5218

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.



23.1230, 3.3904, -14.1399



27.2830, 0.8465, 8.5218



25.0550, -3.4781, -4.4332

Square

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



27.2830, 0.8465, 8.5218



25.9100, -6.8576, 6.2179



23.9340, 0.0325, -10.4661



25.2530, 6.2843, -8.9919

Rectangle

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



27.2830, 0.8465, 8.5218



27.0290, -3.9583, 9.6216



23.9340, 0.0325, -10.4661



22.9920, 5.4269, -14.0250

Sweetspot

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



27.2830, 0.8465, 8.5218



44.7230, 0.1366, 2.8739



26.1020, 5.3727, 3.4185



23.4240, 0.2840, 2.2592



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



27.2830, 0.8465, 8.5218



33.1310, 1.4144, 13.0401



26.4850, -2.2111, 9.2217



16.7120, 0.1420, 1.1296



28.8500, 4.5109, 46.6125



73.6630, 11.9981, 118.6905

Inverse Universe

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



27.2830, 0.8465, 8.5218



33.1310, 1.4144, 13.0401



32.5150, 2.2111, -9.2217



16.7120, 0.1420, 1.1296



28.8500, 4.5109, 46.6125



73.6630, 11.9981, 118.6905

Previews

White Background



This preview shows how the YUV color 27.2830, 0.8465, 8.5218 looks on a white background.

Color Contrast Check

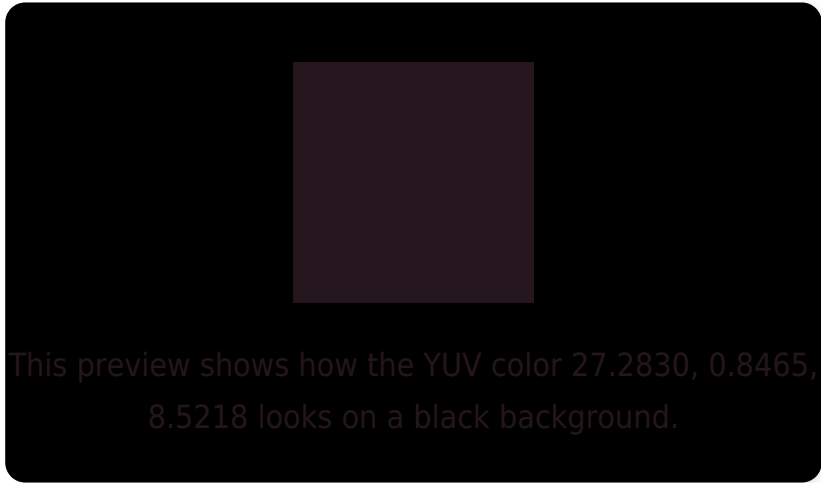
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2830, 0.8465, 8.5218

Background



This preview shows how black text looks on a background with the YUV color 27.2830, 0.8465, 8.5218.

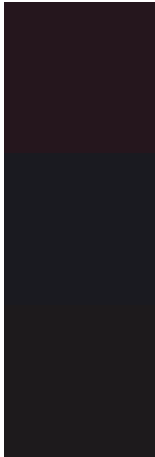


This preview shows how white text looks on a background with the YUV color 27.2830, 0.8465,

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

27.2830, 0.8465, 8.5218

Protanopia

26.6840, 2.6208, -0.5999

Deuteranopia

27.1250, 0.4314, 1.6444



Tritanopia

27.4140, -1.1901, 8.4069

Trichromacy



Original Color

27.2830, 0.8465, 8.5218

Protanomaly

27.1790, 1.8838, 2.4740

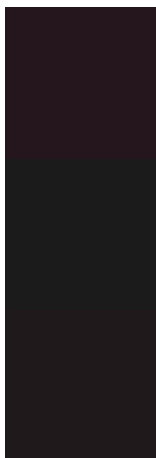
Deuteranomaly

27.4350, 0.2785, 4.0035

Tritanomaly

27.5280, -0.7533, 8.3069

Monochromacy



Original Color

27.2830, 0.8465, 8.5218

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.1360, 0.4260, 3.3887

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.2830, 0.8465, 8.5218 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(37, 22, 29)` looks like.

```
.text, #text, p{  
    color:rgb(37, 22, 29)  
}
```

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(37, 22, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 22, 29) }
```

Border

The CSS property to change the border of an element to YUV 27.2830, 0.8465, 8.5218 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(37, 22, 29) }
```


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

```
.border{ border-color:rgb(37, 22, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 22, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 22, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 22, 29);  
box-shadow:4px 4px 4px 4px rgb(37, 22, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.2830, 0.8465, 8.5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 22, 29) }
```

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

```
.background{ background-color: rgb(37, 22,  
29) }
```

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