

Converting Colors

YUV(28.5500, -0.7642, 11.7957)

Have a look what the booklet for
YUV(28.5500, -0.7642, 11.7957)
contains.

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Color

**YUV(28.5500, -0.7642,
11.7957)**

Conversions

Conversions Part 1

Format	Color
Hex	2A161B
RGB	42, 22, 27
RGB Percent	16%, 9%, 11%
CMY	0.8353, 0.9137, 0.8941
CMYK	0.00, 0.48, 0.36, 0.84
HSL	345°, 31%, 13%
HSV	345°, 48%, 16%
XYZ	1.4396, 1.1452, 1.1821
YIQ	28.5500, 10.3150, 5.7950

Conversions

Conversions Part 2

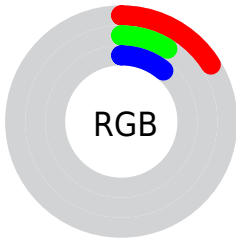
Format	Color
RYB	42, 22, 27
Decimal	2758171
CIELab	10.15, 11.01, 0.80
CIElCh	10, 11.037, 4.132
Yxy	1.1452, 0.3822, 0.3040
Android (android.graphics.Color)	4280948251 (0xFF2A161B)
YUV	28.5500, -0.7642, 11.7957
Hunter-Lab	10.7014, 5.2851, 0.9417

Details

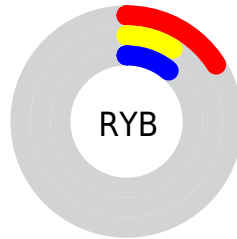
The YUV color **28.5500, -0.7642, 11.7957** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **35.4500, 0.7641, -11.7957**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.4470, -1.2064, 13.6400**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.8600, -0.9170, 14.1548**, and if you desaturate by 10%, it is **31.2400, -0.6113, 9.4365**.

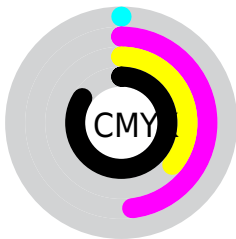
Distribution



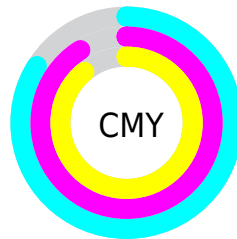
- Red (16%)
- Green (9%)
- Blue (11%)



- Red (16%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (48%)
- Yellow (36%)
- Black (84%)



- Cyan (84%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.5500, -0.7642, 11.7957 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 28.5500, -0.7642, 11.7957 by changing the saturation by 10% instead.

■ 28.5500, -0.7642,
11.7957

■ 28.5500, -0.7642,
11.7957

■ 250.7770, 1.5889,
3.7036

■ 7.1760, -3.5378,
14.7546

■ 72.4470, -1.2064,
13.6400

■ 0.0000, 0.0000,
0.0000

■ 96.1590, -1.0644,
14.7696

■ 121.3440, -1.6486,
15.4843

■ 146.7570, -1.3592,
15.9991

■ 173.6430, -1.7960,
16.0991

■ 201.0560, -1.5066,

16.6139

■ 229.3550, -1.6540,
17.2287

■ 28.5500, -0.7642,
11.7957

■ 28.5500, -0.7642,
11.7957

■ 25.8600, -0.9170,
14.1548

■ 31.2400, -0.6113,
9.4365

■ 23.1700, -1.0698,
16.5139

■ 33.9300, -0.4585,
7.0774

■ 19.8930, -0.9332,
19.3878

■ 37.2070, -0.5951,
4.2035

■ 17.0890, -1.5229,
21.8469

■ 40.0110, -0.0054,
1.7444

■ 14.3990, -1.6757,
24.2061

■ 42.7010, 0.1474,
-0.6148

■ 13.6980, -1.8231,
24.8209

■ 45.3910, 0.3002,
-2.9739

■ 48.0810, 0.4531,
-5.3330

■ 51.3580, 0.3165,
-8.2070

■ 54.0480, 0.4693,
-10.5661

Harmonies

Analogous

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



28.7390, 2.5937, 8.1219



28.5500, -0.7642, 11.7957



28.3390, -4.1111, 11.9807

Triad

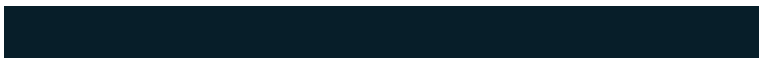
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.5500, -0.7642, 11.7957



26.3820, -6.1043, -2.0890



24.3770, 8.1951, -15.2396

Complementary

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



28.5500, -0.7642, 11.7957



35.4500, 0.7641, -11.7957

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.



22.8990, 6.4588, -18.3284



28.5500, -0.7642, 11.7957



25.0760, -2.0095, -8.8367

Square

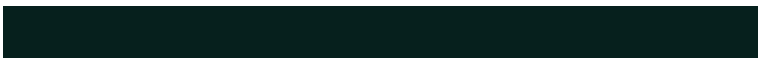
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.5500, -0.7642, 11.7957



27.1440, -8.4520, 4.2587



23.8840, 2.5222, -15.6843



27.0190, 7.8786, -7.0327

Rectangle

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



28.5500, -0.7642, 11.7957



27.7580, -6.2897, 10.7362



23.8840, 2.5222, -15.6843



23.9530, 7.9112, -17.4988

Sweetspot

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



28.5500, -0.7642, 11.7957



48.6200, -0.3057, 4.7183



28.7650, 6.5249, 7.2221



24.6090, -0.3002, 2.9739



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.



28.5500, -0.7642, 11.7957



33.1810, -1.0752, 18.2583



30.9150, -4.3951, 9.7215



18.7120, 0.1420, 1.1296



27.5100, -3.2094, 49.5417



69.4300, -8.1000, 125.0339

Inverse Universe

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



28.5500, -0.7642, 11.7957



33.1810, -1.0752, 18.2583



33.0850, 4.3951, -9.7215



18.7120, 0.1420, 1.1296



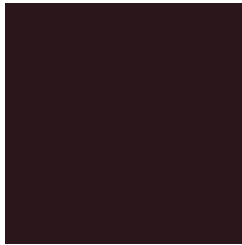
27.5100, -3.2094, 49.5417



69.4300, -8.1000, 125.0339

Previews

White Background



This preview shows how the YUV color 28.5500, -0.7642, 11.7957 looks on a white background.

Color Contrast Check

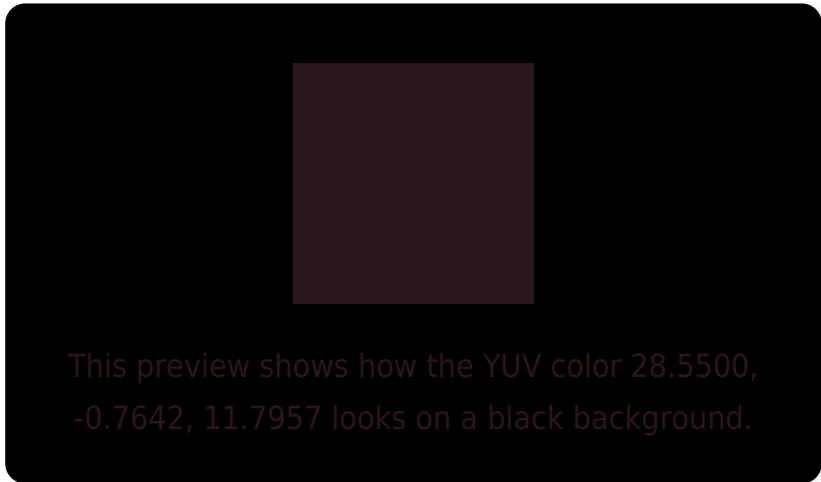
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5500, -0.7642, 11.7957

Background



This preview shows how black text looks on a background with the YUV color 28.5500, -0.7642, 11.7957.



This preview shows how white text looks on a background with the YUV color 28.5500, -0.7642,

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

28.5500, -0.7642, 11.7957

Protanopia

28.3420, 1.3104, -0.2999

Deuteranopia

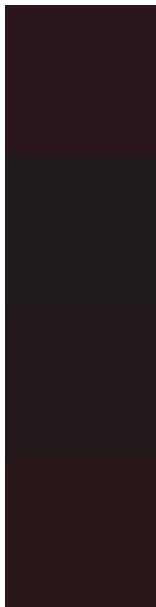
28.3810, -1.1738, 3.1739



Tritanopia

28.7950, -2.3639, 11.5808

Trichromacy



Original Color

28.5500, -0.7642, 11.7957

Protanomaly

28.5490, 0.7153, 3.9035

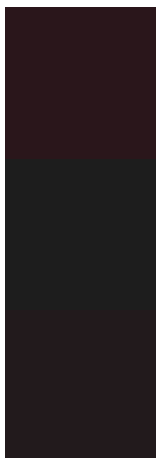
Deuteranomaly

28.4030, -1.1847, 6.6626

Tritanomaly

28.9090, -1.9271, 11.4808

Monochromacy



Original Color

28.5500, -0.7642, 11.7957

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.6200, -0.3057, 4.7183

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.5500, -0.7642, 11.7957 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(42, 22, 27)` looks like.

```
.text, #text, p{  
    color:rgb(42, 22, 27)  
}
```

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(42, 22, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 22, 27) }
```

Border

The CSS property to change the border of an element to YUV 28.5500, -0.7642, 11.7957 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(42, 22, 27) }
```


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

```
.border{ border-color:rgb(42, 22, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 22, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 22, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 22, 27);  
box-shadow:4px 4px 4px 4px rgb(42, 22, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.5500, -0.7642, 11.7957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 22, 27) }
```

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

```
.background{ background-color: rgb(42, 22,  
27) }
```

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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