

Converting Colors

YUV(28.0210, 4.9196, 8.7516)

Have a look what the booklet for
YUV(28.0210, 4.9196, 8.7516)
contains.

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Color

**YUV(28.0210, 4.9196,
8.7516)**

Conversions

Conversions Part 1

Format	Color
Hex	261526
RGB	38, 21, 38
RGB Percent	15%, 8%, 15%
CMY	0.8510, 0.9176, 0.8510
CMYK	0.00, 0.45, 0.00, 0.85
HSL	300°, 29%, 12%
HSV	300°, 45%, 15%
XYZ	1.4173, 1.0883, 1.9691
YIQ	28.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

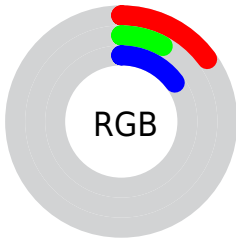
Format	Color
R_{YB}	38, 21, 38
Decimal	2495782
CIE Lab	9.71, 12.26, -8.17
CIE LCh	10, 14.739, 326.315
Yxy	1.0883, 0.3167, 0.2432
Android (android.graphics.Color)	4280685862 (0xFF261526)
YUV	28.0210, 4.9196, 8.7516
Hunter-Lab	10.4324, 5.9945, -3.8882

Details

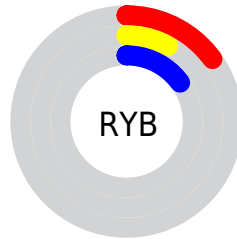
The YUV color **28.0210, 4.9196, 8.7516** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **30.9790, -4.9196, -8.7516**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.8470, 5.4984, 9.7812**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.6730, 6.0772, 10.8108**, and if you desaturate by 10%, it is **30.3690, 3.7621, 6.6924**.

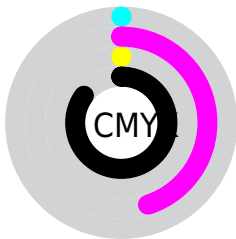
Distribution



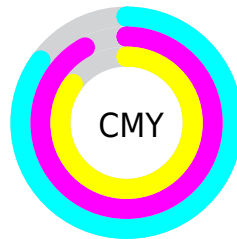
- Red (15%)
- Green (8%)
- Blue (15%)



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



- Cyan (0%)
- Magenta (45%)
- Yellow (0%)
- Black (85%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 28.0210, 4.9196, 8.7516 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 28.0210, 4.9196, 8.7516 by changing the saturation by 10% instead.

■ 28.0210, 4.9196,
8.7516

■ 28.0210, 4.9196,
8.7516

■ 250.3040, 2.3151,
4.1184

■ 7.3200, 4.7722,
9.3664

■ 71.8470, 5.4984,
9.7812

■ 0.0000, 0.0000,
0.0000

■ 95.5590, 5.6404,
10.9108

■ 120.5590, 5.6404,
10.9108

■ 145.9720, 5.9298,
11.4256

■ 172.3850, 6.2192,
11.9404

■ 200.3850, 6.2192,

11.9404

■ 228.0970, 6.3612,
13.0699

■ 28.0210, 4.9196,
8.7516

■ 28.0210, 4.9196,
8.7516

■ 25.6730, 6.0772,
10.8108

■ 30.3690, 3.7621,
6.6924

■ 23.3250, 7.2348,
12.8700

■ 32.7170, 2.6045,
4.6332

■ 21.5640, 8.1029,
14.4144

■ 34.4780, 1.7363,
3.0888

■ 19.2160, 9.2605,
16.4736

■ 36.8260, 0.5788,
1.0296

■ 16.8680, 10.4181,
18.5328

■ 39.1740, -0.5788,
-1.0296

■ 15.6940, 10.9969,
19.5624

■ 41.5220, -1.7363,
-3.0888

■ 43.8700, -2.8939,
-5.1480

■ 45.6310, -3.7621,
-6.6924

■ 47.9790, -4.9196,
-8.7516

Harmonies

Analogous

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



27.5790, 8.5886, -1.3848



28.0210, 4.9196, 8.7516



27.6150, 0.6828, 14.3696

Triad

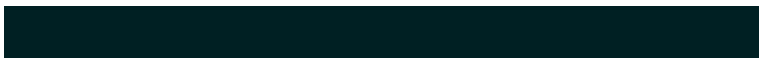
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.0210, 4.9196, 8.7516



25.7270, -12.6834, 8.1324



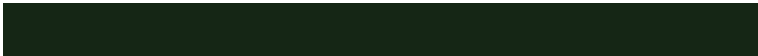
22.7740, 6.0274, -19.9728

Complementary

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



28.0210, 4.9196, 8.7516



30.9790, -4.9196, -8.7516

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.



21.6340, 1.6594, -18.9730



28.0210, 4.9196, 8.7516



24.8400, -10.7671, 0.1403

Square

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



28.0210, 4.9196, 8.7516



26.1560, -9.9369, 13.8952



23.3810, -4.6248, -9.9811



23.0990, 9.8112, -20.2578

Rectangle

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



28.0210, 4.9196, 8.7516



27.4150, -2.6696, 16.2990



23.3810, -4.6248, -9.9811



22.4320, 4.7170, -19.6729

Sweetspot

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



28.0210, 4.9196, 8.7516



44.4780, 1.7363, 3.0888



22.9380, 7.4256, -1.6996



23.0650, 1.4470, 2.5740



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.



28.0210, 4.9196, 8.7516



32.7380, 7.5242, 13.3848



26.9950, 0.9885, 9.6514



16.8260, 0.5788, 1.0296



33.8660, 23.7301, 42.2135



86.3170, 60.4827, 107.5930

Inverse Universe

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



28.0210, 4.9196, 8.7516



32.7380, 7.5242, 13.3848



31.8910, -1.4253, -9.5514



16.8260, 0.5788, 1.0296



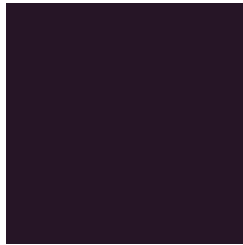
33.8660, 23.7301, 42.2135



86.3170, 60.4827, 107.5930

Previews

White Background



This preview shows how the YUV color 28.0210, 4.9196, 8.7516 looks on a white background.

Color Contrast Check

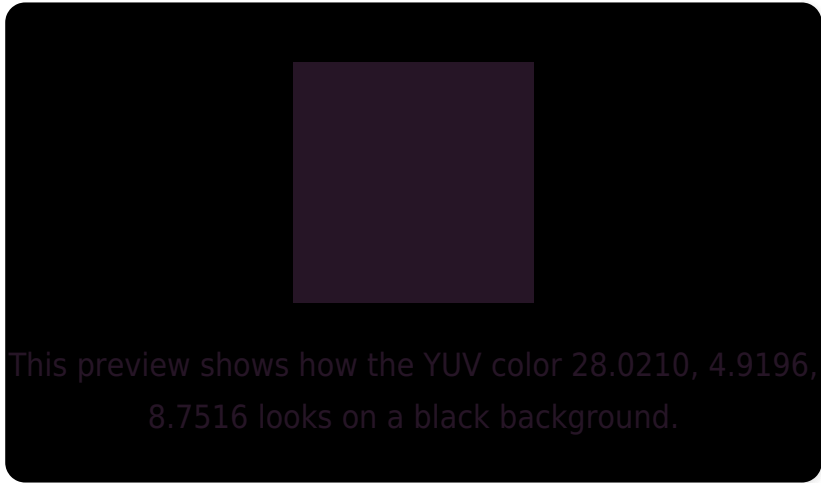
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0210, 4.9196, 8.7516

Background



This preview shows how black text looks on a background with the YUV color 28.0210, 4.9196, 8.7516.



This preview shows how white text looks on a background with the YUV color 28.0210, 4.9196,

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

28.0210, 4.9196, 8.7516

Protanopia

27.0300, 7.8732, -5.2883

Deuteranopia

27.5420, 4.6628, -2.2293



Tritanopia

27.8160, -0.8953, 7.1774

Trichromacy



Original Color

28.0210, 4.9196, 8.7516

Protanomaly

27.4220, 6.6940, -0.3701

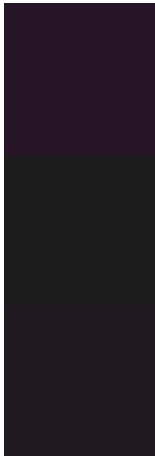
Deuteranomaly

27.8630, 4.5045, 1.8741

Tritanomaly

27.9840, 0.9939, 7.9070

Monochromacy



Original Color

28.0210, 4.9196, 8.7516

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.8910, 2.0257, 3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.0210, 4.9196, 8.7516 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, 21, 38)` looks like.

```
.text, #text, p{  
    color:rgb(38, 21, 38)  
}
```

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, 21, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 21, 38) }
```

Border

The CSS property to change the border of an element to YUV 28.0210, 4.9196, 8.7516 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, 21, 38) }
```


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

```
.border{ border-color:rgb(38, 21, 38) }
```

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

Here you see how a box with a 4 pixel rgb(38, 21, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 21, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 21, 38);  
box-shadow:4px 4px 4px 4px rgb(38, 21, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.0210, 4.9196, 8.7516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 21, 38) }
```

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

```
.background{ background-color: rgb(38, 21,  
38) }
```

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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