

Converting Colors

YUV(20.2830, 4.2975, 21.6768)

Have a look what the booklet for
YUV(20.2830, 4.2975, 21.6768)
contains.

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Color

**YUV(20.2830, 4.2975,
21.6768)**

Conversions

Conversions Part 1

Format	Color
Hex	2D061D
RGB	45, 6, 29
RGB Percent	18%, 2%, 11%
CMY	0.8235, 0.9765, 0.8863
CMYK	0.00, 0.87, 0.36, 0.82
HSL	325°, 76%, 10%
HSV	325°, 87%, 18%
XYZ	1.3691, 0.7768, 1.2402
YIQ	20.2830, 15.8610, 15.4210

Conversions

Conversions Part 2

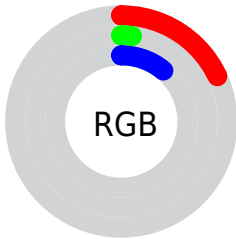
Format	Color
RYB	45, 6, 29
Decimal	2950685
CIELab	7.02, 22.44, -5.31
CIELCh	7, 23.065, 346.678
Yxy	0.7768, 0.4043, 0.2294
Android (android.graphics.Color)	4281140765 (0xFF2D061D)
YUV	20.2830, 4.2975, 21.6768
Hunter-Lab	8.8139, 12.3026, -2.1729

Details

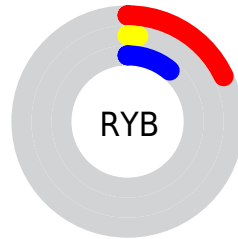
The YUV color **20.2830, 4.2975, 21.6768** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **30.7170, -4.2975, -21.6768**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.3650, 3.2711, 24.2359**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.1200, 4.8708, 24.4508**, and if you desaturate by 10%, it is **22.8590, 4.0135, 19.4177**.

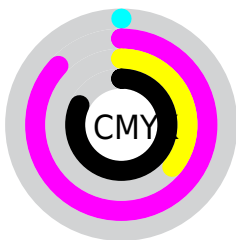
Distribution



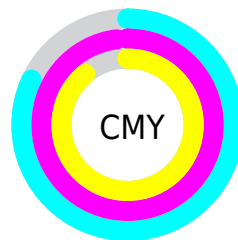
- Red (18%)
- Green (2%)
- Blue (11%)



- Red (18%)
- Yellow (2%)
- Blue (11%)



- Cyan (0%)
- Magenta (87%)
- Yellow (36%)
- Black (82%)



- Cyan (82%)
- Magenta (98%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.2830, 4.2975, 21.6768 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 20.2830, 4.2975, 21.6768 by changing the saturation by 10% instead.

■ 20.2830, 4.2975,
21.6768

■ 20.2830, 4.2975,
21.6768

■ 241.4990, 6.6560,
11.8404

■ 6.3930, -2.6587,
12.8103

■ 65.3650, 3.2711,
24.2359

■ 0.0000, 0.0000,
0.0000

■ 89.6640, 3.1236,
24.8507


■ 114.3760, 3.2656,
25.9802

■ 140.0880, 3.4076,
27.1098

■ 166.6860, 3.1128,
28.3394

■ 194.0990, 3.4022,

28.8542


 222.0990, 3.4022,
28.8542


 20.2830, 4.2975,
21.6768

 20.2830, 4.2975,
21.6768

 17.1200, 4.8708,
24.4508


 22.8590, 4.0135,
19.4177

 16.5330, 5.1602,
24.9656

 26.0220, 3.4402,
16.6437

 28.5980, 3.1562,
14.3846

 31.6470, 2.1460,
11.7106

 34.8100, 1.5727,
8.9366

■ 37.3860, 1.2887,
6.6775

■ 40.5490, 0.7153,
3.9035

■ 43.1250, 0.4314,
1.6444

■ 46.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



22.4000, 10.1558, 9.2962



20.2830, 4.2975, 21.6768



18.8400, -3.8651, 26.4503

Triad

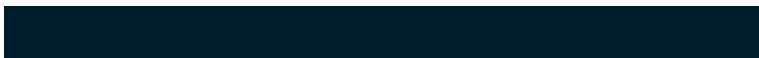
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.2830, 4.2975, 21.6768



19.7690, -9.7461, -0.6744



21.9250, 10.3900, -19.2282

Complementary

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



20.2830, 4.2975, 21.6768



30.7170, -4.2975, -21.6768

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.



21.0300, 4.4222, -18.4433



20.2830, 4.2975, 21.6768



16.4360, -8.1029, -14.4144

Square

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



20.2830, 4.2975, 21.6768



20.7320, -10.2209, 11.6360



18.9780, -3.4402, -16.6437



21.0760, 14.7525, -18.4837

Rectangle

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



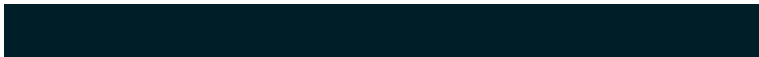
20.2830, 4.2975, 21.6768



18.7490, -9.2433, 24.7761



18.9780, -3.4402, -16.6437



22.0560, 8.3534, -19.3431

Sweetspot

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



20.2830, 4.2975, 21.6768



48.8100, 1.5727, 8.9366



15.2300, 14.6766, 5.9373



24.6740, 1.1467, 5.5479



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



20.2830, 4.2975, 21.6768



21.6310, 6.5909, 32.7726



18.1170, -4.0017, 23.5764



21.7120, 0.1420, 1.1296



31.8270, 9.4523, 48.3867



78.3500, 23.4915, 118.9651

Inverse Universe

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



20.2830, 4.2975, 21.6768



21.6310, 6.5909, 32.7726



32.8830, 4.0017, -23.5764



21.7120, 0.1420, 1.1296



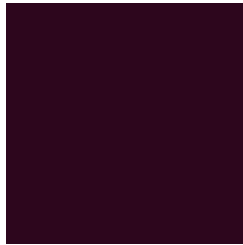
31.8270, 9.4523, 48.3867



78.3500, 23.4915, 118.9651

Previews

White Background



This preview shows how the YUV color 20.2830, 4.2975, 21.6768 looks on a white background.

Color Contrast Check

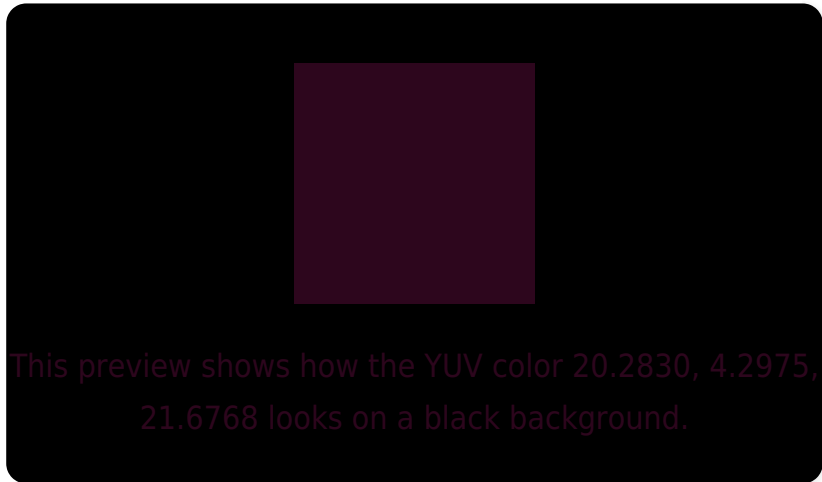
Large Text (above 18pt) WCAG AA ✓ Pass

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

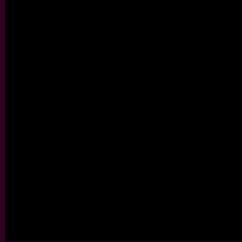
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.2830, 4.2975, 21.6768

Background



This preview shows how black text looks on a background with the YUV color 20.2830, 4.2975, 21.6768.



This preview shows how white text looks on a background with the YUV color 20.2830, 4.2975,

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

20.2830, 4.2975, 21.6768

Protanopia

23.8450, 8.4574, -6.0031

Deuteranopia

24.6410, 1.1630, 0.3148



Tritanopia

21.6820, -4.2802, 19.5729

Trichromacy



Original Color

20.2830, 4.2975, 21.6768

Protanomaly

22.2700, 7.2619, 4.1482

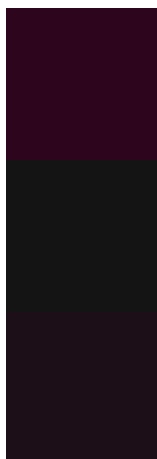
Deuteranomaly

22.7390, 2.5937, 8.1219

Tritanomaly

21.1920, -1.0807, 20.0026

Monochromacy



Original Color

20.2830, 4.2975, 21.6768

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.0980, 1.4307, 7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.2830, 4.2975, 21.6768 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(45, 6, 29)` looks like.

```
.text, #text, p{  
    color:rgb(45, 6, 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(45, 6, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 6, 29) }
```

Border

The CSS property to change the border of an element to YUV 20.2830, 4.2975, 21.6768 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(45, 6, 29) }
```


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

```
.border{ border-color:rgb(45, 6, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 6, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 6, 29); -webkit-box-shadow:4px  
4px 4px 4px rgb(45, 6, 29); box-shadow:4px  
4px 4px 4px rgb(45, 6, 29) }
```

Background

The CSS property to change the background color of an element to YUV 20.2830, 4.2975, 21.6768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 6, 29) }
```

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

```
.background{ background-color: rgb(45, 6,  
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](#).

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