

Converting Colors

YUV(20.7830, 6.0230, 28.2543)

Have a look what the booklet for
YUV(20.7830, 6.0230, 28.2543)
contains.

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Color

**YUV(20.7830, 6.0230,
28.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	350221
RGB	53, 2, 33
RGB Percent	21%, 1%, 13%
CMY	0.7922, 0.9922, 0.8706
CMYK	0.00, 0.96, 0.38, 0.79
HSL	324°, 93%, 11%
HSV	324°, 96%, 21%
XYZ	1.7644, 0.9101, 1.5215
YIQ	20.7830, 20.4450, 20.4530

Conversions

Conversions Part 2

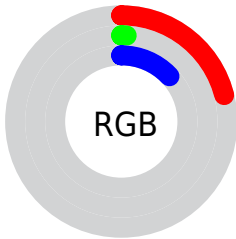
Format	Color
RYB	53, 2, 33
Decimal	3473953
CIELab	8.22, 28.00, -6.42
CIELCh	8, 28.725, 347.093
Yxy	0.9101, 0.4205, 0.2169
Android (android.graphics.Color)	4281664033 (0xFF350221)
YUV	20.7830, 6.0230, 28.2543
Hunter-Lab	9.5399, 16.3188, -2.7781

Details

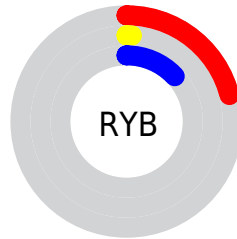
The YUV color **20.7830, 6.0230, 28.2543** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **34.2170, -6.0230, -28.2543**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.0390, 4.4178, 29.7838**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.4950, 6.1650, 29.3839**, and if you desaturate by 10%, it is **23.9460, 5.4496, 25.4804**.

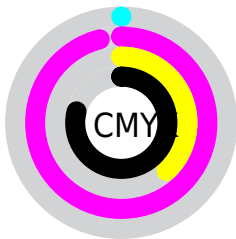
Distribution



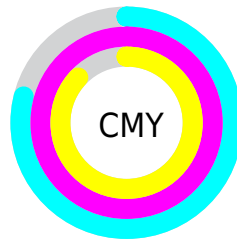
- Red (21%)
- Green (1%)
- Blue (13%)



- Red (21%)
- Yellow (1%)
- Blue (13%)



- Cyan (0%)
- Magenta (96%)
- Yellow (38%)
- Black (79%)



- Cyan (79%)
- Magenta (99%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.7830, 6.0230, 28.2543 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 20.7830, 6.0230, 28.2543 by changing the saturation by 10% instead.

■ 20.7830, 6.0230,
28.2543

■ 20.7830, 6.0230,
28.2543

■ 240.9120, 6.9454,
12.3552

■ 10.8930, -0.9332,
19.3878

■ 68.0390, 4.4178,
29.7838

■ 0.0000, 0.0000,
0.0000

■ 92.0500, 4.4124,
31.5282


■ 117.6480, 4.1175,
32.7577

■ 143.3600, 4.2595,
33.8873

■ 170.3710, 4.2541,
35.6316


■ 197.6700, 4.1067,

36.2464


 222.0820, 5.8756,
28.8691

 20.7830, 6.0230,
28.2543

 20.7830, 6.0230,
28.2543

 19.4950, 6.1650,
29.3839

 23.9460, 5.4496,
25.4804

 27.6960, 4.5869,
22.1916

 30.8590, 4.0135,
19.4177

 34.0220, 3.4402,
16.6437

 37.7720, 2.5774,
13.3550

■ 40.9350, 2.0040,
10.5810

■ 44.2120, 1.8675,
7.7071

■ 47.3750, 1.2941,
4.9331

■ 51.1250, 0.4314,
1.6444

Harmonies

Analogous

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



24.1060, 12.7657, 12.1850



20.7830, 6.0230, 28.2543



18.8840, -3.8868, 33.4277

Triad

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



20.7830, 6.0230, 28.2543



22.1280, -10.9091, -0.9893



24.7120, 13.4530, -21.6724

Complementary

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



20.7830, 6.0230, 28.2543



34.2170, -6.0230, -28.2543

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.



23.9480, 5.4486, -21.0024



20.7830, 6.0230, 28.2543



18.1970, -8.9711, -15.9588

Square

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



20.7830, 6.0230, 28.2543



23.1020, -11.3893, 13.0655



20.8530, -3.8715, -18.2881



23.9770, 18.2523, -21.0278

Rectangle

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



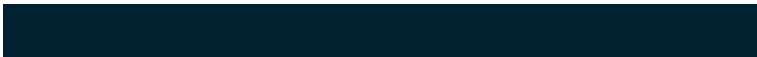
20.7830, 6.0230, 28.2543



19.6680, -9.6963, 30.1092



20.8530, -3.8715, -18.2881



24.7290, 10.9796, -21.6873

Sweetspot

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



20.7830, 6.0230, 28.2543



56.3480, 2.2934, 11.0958



13.7940, 19.3286, 7.1967



27.7990, 1.5781, 7.1923



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



20.7830, 6.0230, 28.2543



25.4190, 8.1744, 38.2205



17.9330, -4.8970, 30.7538



24.1250, 0.4314, 1.6444



32.7670, 10.4679, 49.3163



79.9310, 25.6700, 120.2095

Inverse Universe

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



20.7830, 6.0230, 28.2543



25.4190, 8.1744, 38.2205



37.0670, 4.8970, -30.7538



24.1250, 0.4314, 1.6444



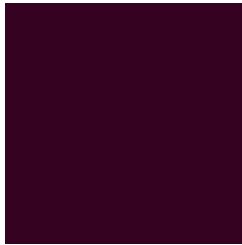
32.7670, 10.4679, 49.3163



79.9310, 25.6700, 120.2095

Previews

White Background



This preview shows how the YUV color 20.7830, 6.0230, 28.2543 looks on a white background.

Color Contrast Check

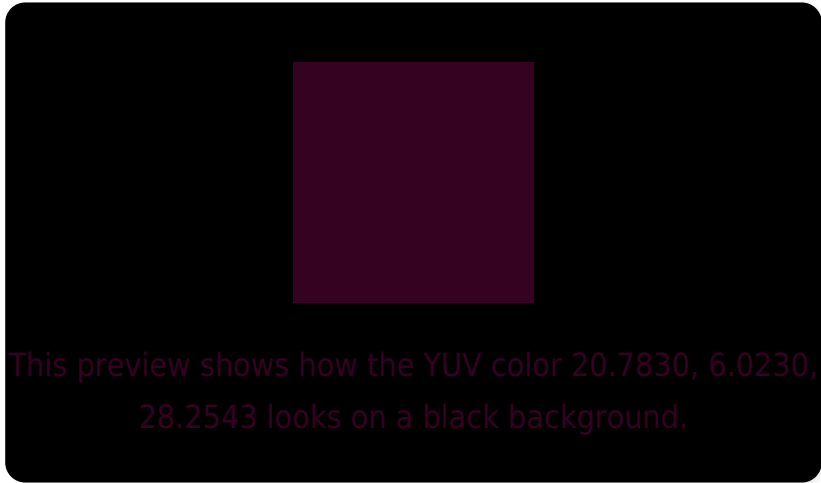
Large Text (above 18pt) WCAG AA ✓ Pass

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

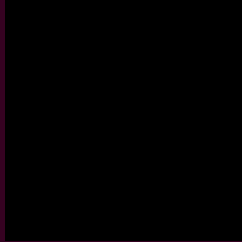
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.7830, 6.0230, 28.2543

Background



This preview shows how black text looks on a background with the YUV color 20.7830, 6.0230, 28.2543.



This preview shows how white text looks on a background with the YUV color 20.7830, 6.0230,

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

20.7830, 6.0230, 28.2543

Protanopia

27.1870, 9.7678, -6.3030

Deuteranopia

28.3530, 1.3050, 1.4444



Tritanopia

24.7750, -5.3121, 23.8763

Trichromacy



Original Color

20.7830, 6.0230, 28.2543

Protanomaly

24.9220, 8.4195, 6.2074

Deuteranomaly

25.5760, 3.1670, 10.8958

Tritanomaly

23.2250, -1.0969, 25.2357

Monochromacy



Original Color

20.7830, 6.0230, 28.2543

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.9350, 2.0040, 10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.7830, 6.0230, 28.2543 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(53, 2, 33)` looks like.

```
.text, #text, p{  
    color:rgb(53, 2, 33)  
}
```

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(53, 2, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 2, 33) }
```

Border

The CSS property to change the border of an element to YUV 20.7830, 6.0230, 28.2543 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(53, 2, 33) }
```


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

```
.border{ border-color:rgb(53, 2, 33) }
```

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

Here you see how a box with a 4 pixel rgb(53, 2, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 2, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(53, 2, 33); box-shadow:4px  
4px 4px 4px rgb(53, 2, 33) }
```

Background

The CSS property to change the background color of an element to YUV 20.7830, 6.0230, 28.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 2, 33) }
```

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

```
.background{ background-color: rgb(53, 2,  
33) }
```

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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