

Converting Colors

YUV(20.7570, 15.4028, 6.3521)

Have a look what the booklet for
YUV(20.7570, 15.4028, 6.3521)
contains.

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Color

**YUV(20.7570, 15.4028,
6.3521)**

Conversions

Conversions Part 1

Format	Color
Hex	1C0B34
RGB	28, 11, 52
RGB Percent	11%, 4%, 20%
CMY	0.8902, 0.9569, 0.7961
CMYK	0.46, 0.79, 0.00, 0.80
HSL	265°, 65%, 12%
HSV	265°, 79%, 20%
XYZ	1.2184, 0.7342, 3.3263
YIQ	20.7570, -3.0290, 16.3550

Conversions

Conversions Part 2

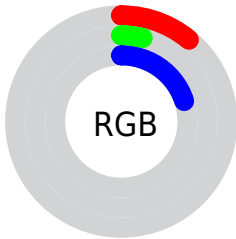
Format	Color
R_{YB}	28, 11, 52
Decimal	1837876
CIE Lab	6.63, 19.47, -23.50
CIE LCh	7, 30.518, 309.638
Yxy	0.7342, 0.2308, 0.1391
Android (android.graphics.Color)	4280027956 (0xFF1C0B34)
YUV	20.7570, 15.4028, 6.3521
Hunter-Lab	8.5683, 10.3879, -17.0192

Details

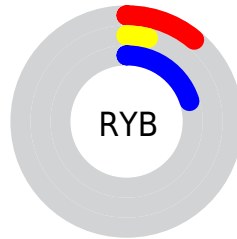
The YUV color **20.7570, 15.4028, 6.3521** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **42.2430, -15.4028, -6.3521**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.1100, 16.7078, 7.7965**, and **0.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **16.9250, 17.2920, 7.0818**, and if you desaturate by 10%, it is **24.5890, 13.5136, 5.6224**.

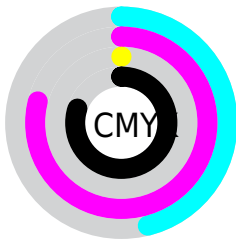
Distribution



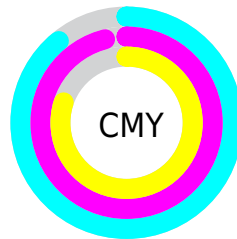
- Red (11%)
- Green (4%)
- Blue (20%)



- Red (11%)
- Yellow (4%)
- Blue (20%)



- Cyan (46%)
- Magenta (79%)
- Yellow (0%)
- Black (80%)



- Cyan (89%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.7570, 15.4028, 6.3521 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 20.7570, 15.4028, 6.3521 by changing the saturation by 10% instead.

■ 20.7570, 15.4028,
6.3521

■ 20.7570, 15.4028,
6.3521

■ 243.2600, 5.7878,
10.2960

■ 3.5340, 13.5407,
-3.0993

■ 65.1100, 16.7078,
7.7965

■ 0.1140, 0.4368,
-0.1000

■ 88.9360, 17.2866,
8.8261

■ 0.0000, 0.0000,
0.0000


■ 113.4630, 18.0127,
9.2409


■ 138.9900, 18.7389,
9.6558


■ 165.4030, 19.0283,
10.1706


■ 192.9300, 19.7545,


10.5854


 219.6590, 17.4231,
11.7001


 20.7570, 15.4028,
6.3521


 20.7570, 15.4028,
6.3521

 16.9250, 17.2920,
7.0818


 24.5890, 13.5136,
5.6224

 13.0930, 19.1812,
7.8114

 28.4210, 11.6244,
4.8928

 12.5060, 19.4705,
8.3262

 32.8400, 9.4459,
3.6483

 36.6720, 7.5567,
2.9187

 40.5040, 5.6675,
2.1890

■ 44.3360, 3.7784,
1.4593

■ 48.1680, 1.8892,
0.7297

■ 52.5870, -0.2894,
-0.5148

■ 56.4190, -2.1786,
-1.2445

Harmonies

Analogous

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



19.2810, 20.5675, -16.9094



20.7570, 15.4028, 6.3521



18.3420, 8.2124, 26.0101

Triad

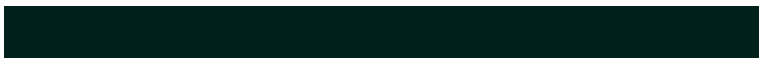
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.7570, 15.4028, 6.3521



19.8790, -9.8003, 16.7691



21.8620, 2.5330, -19.1730

Complementary

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



20.7570, 15.4028, 6.3521



42.2430, -15.4028, -6.3521

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.



18.1970, -8.9711, -15.9588



20.7570, 15.4028, 6.3521



19.1930, -9.4621, 1.5847

Square

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



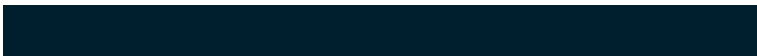
20.7570, 15.4028, 6.3521



16.1240, -7.9491, 29.7093



16.4360, -8.1029, -14.4144



23.4410, 11.1216, -20.5578

Rectangle

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



20.7570, 15.4028, 6.3521



18.6540, 1.6496, 30.9984



16.4360, -8.1029, -14.4144



21.0640, -0.5246, -18.4731

Sweetspot

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



20.7570, 15.4028, 6.3521



56.0310, 6.3937, 2.6038



30.3490, 10.6739, -16.9691



27.7490, 4.0677, 1.9741



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.



20.7570, 15.4028, 6.3521



18.8960, 24.7013, 10.6152



26.7370, 12.4547, 18.6477



23.6410, 1.1630, 0.3148



21.2090, 33.4210, 13.8487



51.6480, 81.5185, 33.6347

Inverse Universe

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



25.9950, 4.4395, 22.8064



27.1800, 7.3063, 36.6761



36.2630, -12.4547, -18.6477



24.0110, -0.0054, 1.7444



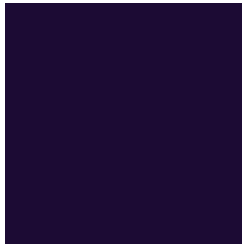
32.5390, 9.5943, 49.5163



79.3610, 23.4860, 120.7094

Previews

White Background



This preview shows how the YUV color 20.7570, 15.4028, 6.3521 looks on a white background.

Color Contrast Check

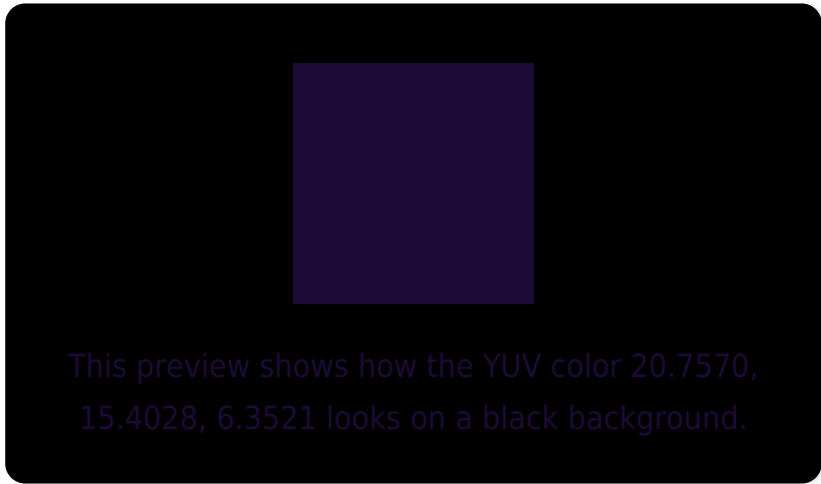
Large Text (above 18pt) WCAG AA ✓ Pass

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

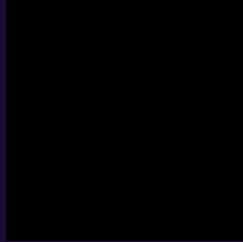
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.7570, 15.4028, 6.3521

Background



This preview shows how black text looks on a background with the YUV color 20.7570, 15.4028, 6.3521.



This preview shows how white text looks on a background with the YUV color 20.7570, 15.4028,

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

20.7570, 15.4028, 6.3521

Protanopia

17.4570, 13.5787, -15.3098

Deuteranopia

17.9470, 10.3791, -15.7395



Tritanopia

21.9290, 1.0210, -0.8147

Trichromacy



Original Color

20.7570, 15.4028, 6.3521

Protanomaly

18.4410, 14.5726, -7.4028

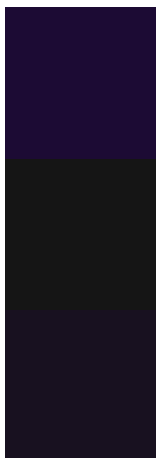
Deuteranomaly

19.1590, 12.2466, -8.0324

Tritanomaly

21.6180, 6.1043, 2.0890

Monochromacy



Original Color

20.7570, 15.4028, 6.3521

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.8030, 5.5201, 2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.7570, 15.4028, 6.3521 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(28, 11, 52)` looks like.

```
.text, #text, p{  
    color:rgb(28, 11, 52)  
}
```

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(28, 11, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 11, 52) }
```

Border

The CSS property to change the border of an element to YUV 20.7570, 15.4028, 6.3521 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(28, 11, 52) }
```


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

```
.border{ border-color:rgb(28, 11, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 11, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 11, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 11, 52);  
box-shadow:4px 4px 4px 4px rgb(28, 11, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.7570, 15.4028, 6.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 11, 52) }
```

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

```
.background{ background-color: rgb(28, 11,  
52) }
```

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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