

Converting Colors

YUV(20.3520, 6.2355, 6.7073)

Have a look what the booklet for
YUV(20.3520, 6.2355, 6.7073)
contains.

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Color

**YUV(20.3520, 6.2355,
6.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	1C0E21
RGB	28, 14, 33
RGB Percent	11%, 5%, 13%
CMY	0.8902, 0.9451, 0.8706
CMYK	0.15, 0.58, 0.00, 0.87
HSL	284°, 40%, 9%
HSV	284°, 58%, 13%
XYZ	0.9104, 0.6708, 1.5203
YIQ	20.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

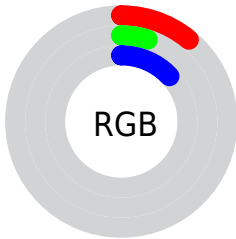
Format	Color
RYB	28, 14, 33
Decimal	1838625
CIELab	6.06, 11.11, -10.13
CIELCh	6, 15.031, 317.639
Yxy	0.6708, 0.2935, 0.2163
Android (android.graphics.Color)	4280028705 (0xFF1C0E21)
YUV	20.3520, 6.2355, 6.7073
Hunter-Lab	8.1900, 5.5105, -5.2732

Details

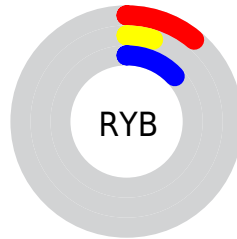
The YUV color **20.3520, 6.2355, 6.7073** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **26.6480, -6.2355, -6.7073**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.1780, 6.8142, 7.7369**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.2920, 7.2510, 7.6369**, and if you desaturate by 10%, it is **22.4120, 5.2199, 5.7777**.

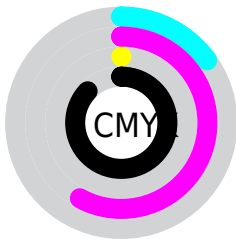
Distribution



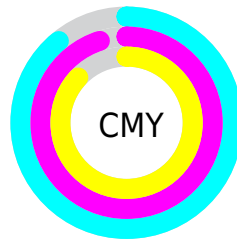
- Red (11%)
- Green (5%)
- Blue (13%)



- Red (11%)
- Yellow (5%)
- Blue (13%)



- Cyan (15%)
- Magenta (58%)
- Yellow (0%)
- Black (87%)



- Cyan (89%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.3520, 6.2355, 6.7073 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 20.3520, 6.2355, 6.7073 by changing the saturation by 10% instead.

■ 20.3520, 6.2355,
6.7073

■ 20.3520, 6.2355,
6.7073

■ 244.4340, 5.2090,
9.2664

■ 0.9120, 3.4944,
-0.7998

■ 63.1780, 6.8142,
7.7369

■ 0.0000, 0.0000,
0.0000

■ 86.2920, 7.2510,
7.6369

■ 110.7050, 7.5404,
8.1517


■ 136.7050, 7.5404,
8.1517


■ 163.1180, 7.8298,
8.6665


■ 189.5310, 8.1192,


9.1813


 217.6450, 8.5560,
9.0813


 20.3520, 6.2355,
6.7073

 20.3520, 6.2355,
6.7073


 18.2920, 7.2510,
7.6369


 22.4120, 5.2199,
5.7777


 15.6450, 8.5560,
9.0813


 25.0590, 3.9149,
4.3333


 13.5850, 9.5716,
10.0110

 27.1190, 2.8993,
3.4036

 11.8240, 10.4398,
11.5554

 28.8800, 2.0312,
1.8592

 10.9380, 10.8766,
11.4554

 31.5270, 0.7262,
0.4148

■ 33.5870, -0.2894,
-0.5148

■ 35.6470, -1.3050,
-1.4444

■ 37.7070, -2.3206,
-2.3740

■ 40.3540, -3.6255,
-3.8185

Harmonies

Analogous

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



19.0840, 9.3256, -4.4587



20.3520, 6.2355, 6.7073



19.9570, 1.9932, 14.0697

Triad

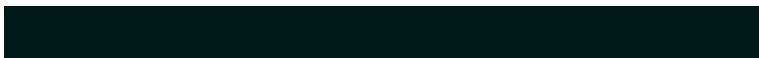
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.3520, 6.2355, 6.7073



18.9490, -9.3419, 9.6917



18.1120, 3.3958, -15.8842

Complementary

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



20.3520, 6.2355, 6.7073



26.6480, -6.2355, -6.7073

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.



16.7440, -1.8458, -14.6845



20.3520, 6.2355, 6.7073



18.0080, -8.8779, 0.8700

Square

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



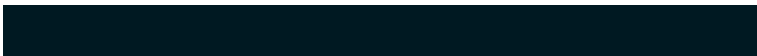
20.3520, 6.2355, 6.7073



18.6940, -9.2161, 16.0544



15.5830, -7.6824, -9.2813



18.5510, 7.6164, -16.2692

Rectangle

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



20.3520, 6.2355, 6.7073



19.1700, -1.0698, 16.5139



15.5830, -7.6824, -9.2813



17.7700, 2.0854, -15.5843

Sweetspot

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



20.3520, 6.2355, 6.7073



38.2930, 2.3206, 2.3740



19.1010, 6.8522, -4.4736



19.7660, 1.5944, 1.9592



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



20.3520, 6.2355, 6.7073



22.9980, 9.8610, 10.5258



21.3910, 3.7512, 10.1811



14.4130, 0.2894, 0.5148



26.3480, 25.9574, 27.7588



69.0460, 68.0113, 72.7507

Inverse Universe

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



20.2510, -0.6167, 11.1809



22.8820, -0.9278, 17.6435



25.6090, -3.7512, -10.1811



14.2990, -0.1474, 0.6148



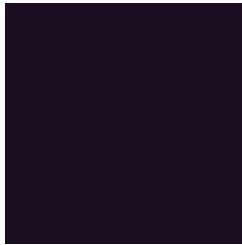
26.0150, -2.4724, 46.4678



68.0490, -6.9262, 121.8600

Previews

White Background



This preview shows how the YUV color 20.3520, 6.2355, 6.7073 looks on a white background.

Color Contrast Check

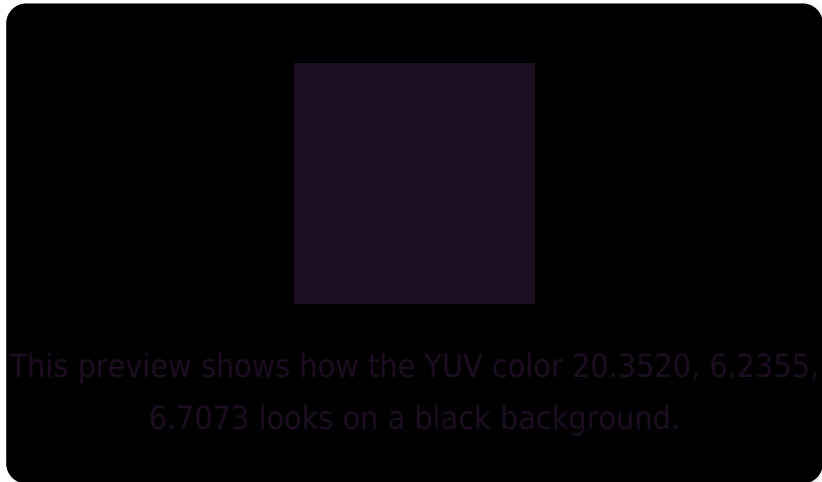
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3520, 6.2355, 6.7073

Background



This preview shows how black text looks on a background with the YUV color 20.3520, 6.2355, 6.7073.



This preview shows how white text looks on a background with the YUV color 20.3520, 6.2355,

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

20.3520, 6.2355, 6.7073

Protanopia

18.1760, 9.7732, -8.0474

Deuteranopia

19.2750, 6.2734, -5.5032



Tritanopia

20.5060, -0.7425, 4.8182

Trichromacy



Original Color

20.3520, 6.2355, 6.7073

Protanomaly

18.8670, 8.4466, -2.5144

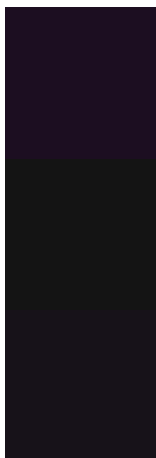
Deuteranomaly

19.5960, 6.1152, -1.3997

Tritanomaly

20.7880, 1.5835, 5.4479

Monochromacy



Original Color

20.3520, 6.2355, 6.7073

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.2930, 2.3206, 2.3740

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.3520, 6.2355, 6.7073 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, 14, 33)` looks like.

```
.text, #text, p{  
    color:rgb(28, 14, 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(28, 14, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 14, 33) }
```

Border

The CSS property to change the border of an element to YUV 20.3520, 6.2355, 6.7073 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, 14, 33) }
```


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

```
.border{ border-color:rgb(28, 14, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 14, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 14, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 14, 33);  
box-shadow:4px 4px 4px 4px rgb(28, 14, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.3520, 6.2355, 6.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 14, 33) }
```

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

```
.background{ background-color: rgb(28, 14,  
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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