

Converting Colors

YUV(20.2460, 17.1337, 11.1853)

Have a look what the booklet for
YUV(20.2460, 17.1337, 11.1853)
contains.

YUV(20.2460, 17.1337, 11.1853)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(20.2460, 17.1337,
11.1853)**

Conversions

Conversions Part 1

Format	Color
Hex	210737
RGB	33, 7, 55
RGB Percent	13%, 3%, 22%
CMY	0.8706, 0.9725, 0.7843
CMYK	0.40, 0.87, 0.00, 0.78
HSL	272°, 77%, 12%
HSV	272°, 87%, 22%
XYZ	1.3928, 0.7511, 3.6860
YIQ	20.2460, 0.0880, 20.4400

Conversions

Conversions Part 2

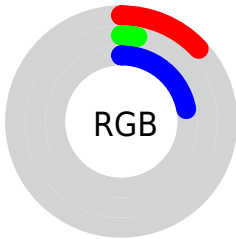
Format	Color
R_{YB}	33, 7, 55
Decimal	2164535
CIE Lab	6.78, 24.14, -25.41
CIE LCh	7, 35.054, 313.530
Yxy	0.7511, 0.2389, 0.1288
Android (android.graphics.Color)	4280354615 (0xFF210737)
YUV	20.2460, 17.1337, 11.1853
Hunter-Lab	8.6668, 13.5185, -19.1495




Details

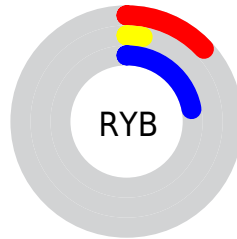
The YUV color **20.2460, 17.1337, 11.1853** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **41.7540, -17.1337, -11.1853**, and the grayscale version is **20.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **65.4850, 18.0019, 12.7297**, and **0.6840, 2.6208, -0.5999** is the 20% darker color. If you saturate the color by 10%, you get **16.4140, 19.0229, 11.9149**, and if you desaturate by 10%, it is **24.6650, 14.9552, 9.9408**.

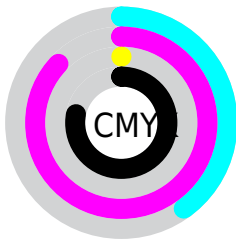
Distribution







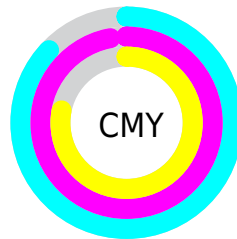
-  Red (13%)
-  Green (3%)
-  Blue (22%)






-  Red (13%)
-  Yellow (3%)
-  Blue (22%)



-  Cyan (40%)
-  Magenta (87%)
-  Yellow (0%)
-  Black (78%)



-  Cyan (87%)
-  Magenta (97%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.2460, 17.1337, 11.1853 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 20.2460, 17.1337, 11.1853 by changing the saturation by 10% instead.

20.2460, 17.1337,
11.1853

20.2460, 17.1337,
11.1853

241.4990, 6.6560,
11.8404

4.6590, 13.9721,
-1.4549

65.4850, 18.0019,
12.7297

0.6840, 2.6208,
-0.5999

89.4250, 19.0175,
13.6593

0.0000, 0.0000,
0.0000

114.2510, 19.5963,
14.6889


139.7780, 20.3224,
15.1037


166.1910, 20.6118,
15.6185


193.7180, 21.3380,


16.0333


 220.8770, 16.8226,
17.6479


 20.2460, 17.1337,
11.1853


 20.2460, 17.1337,
11.1853


 16.4140, 19.0229,
11.9149


 24.6650, 14.9552,
9.9408

 15.2400, 19.6017,
12.9445

 28.1980, 13.2134,
8.5964

 32.6170, 11.0348,
7.3519

 36.1500, 9.2931,
6.0075

 40.5690, 7.1145,
4.7630

■ 44.1020, 5.3727,
3.4185

■ 48.5210, 3.1941,
2.1741

■ 52.0540, 1.4524,
0.8296

■ 56.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



19.9650, 23.1883, -17.5093



20.2460, 17.1337, 11.1853



20.1360, 7.3280, 29.6987

Triad

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



20.2460, 17.1337, 11.1853



20.1670, -9.9423, 15.6395



22.3180, 4.2802, -19.5729

Complementary

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



20.2460, 17.1337, 11.1853



41.7540, -17.1337, -11.1853

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.



18.7840, -9.2605, -16.4736



20.2460, 17.1337, 11.1853



18.8720, -9.3039, -2.5187

Square

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



20.2460, 17.1337, 11.1853



16.4340, -8.1020, 32.0684



17.6100, -8.6817, -15.4440



24.8260, 13.8898, -21.7724

Rectangle

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



20.2460, 17.1337, 11.1853



19.8070, -0.3979, 34.3723



17.6100, -8.6817, -15.4440



21.4060, 0.7858, -18.7731

Sweetspot

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



20.2460, 17.1337, 11.1853



58.0420, 6.3883, 4.3482



25.3860, 14.5997, -16.1245



28.0480, 3.9203, 2.5889



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.



20.2460, 17.1337, 11.1853



19.7550, 25.2638, 16.8779



26.5960, 13.0172, 24.9103



25.9400, 1.0156, 0.9296



25.4380, 32.8151, 21.5409



60.5470, 78.1173, 51.2633

Inverse Universe

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



23.8600, 2.5340, 27.3098



24.9910, 3.9484, 40.3499



35.4040, -13.0172, -24.9103



26.1250, 0.4314, 1.6444



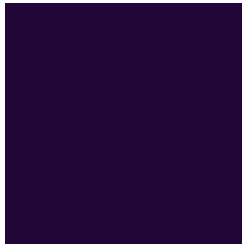
32.2960, 4.7841, 52.3604



76.9950, 11.8345, 124.5384

Previews

White Background



This preview shows how the YUV color 20.2460, 17.1337, 11.1853 looks on a white background.

Color Contrast Check

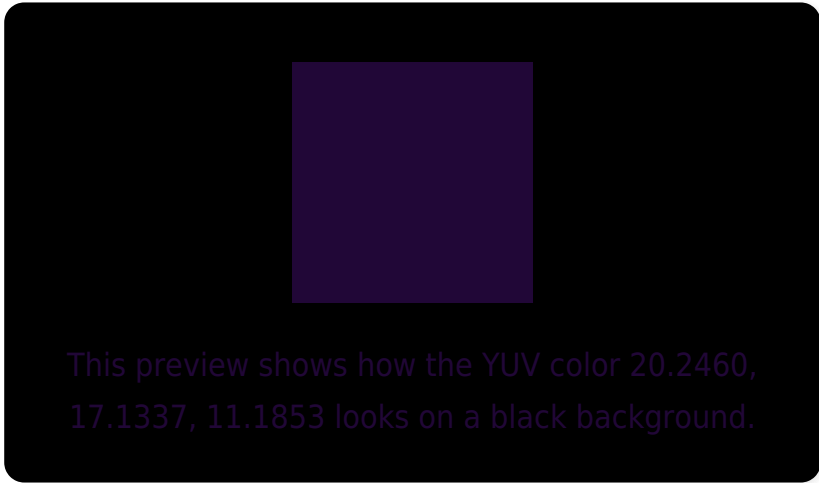
Large Text (above 18pt) WCAG AA ✓ Pass

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

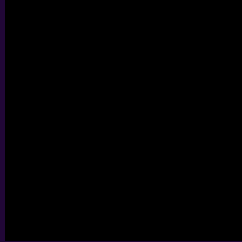
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.2460, 17.1337, 11.1853

Background



This preview shows how black text looks on a background with the YUV color 20.2460, 17.1337, 11.1853.



This preview shows how white text looks on a background with the YUV color 20.2460, 17.1337,

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

20.2460, 17.1337, 11.1853

Protanopia

18.8590, 13.8735, -16.5393

Deuteranopia

18.7620, 10.9633, -16.4543



Tritanopia

23.4240, 0.2840, 2.2592

Trichromacy



Original Color

20.2460, 17.1337, 11.1853

Protanomaly

19.2670, 15.1514, -6.3732

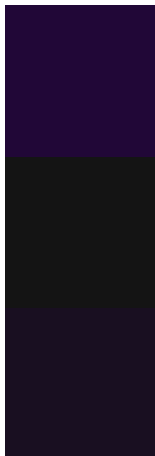
Deuteranomaly

19.3980, 13.1148, -6.4880

Tritanomaly

22.6400, 6.0935, 5.5777

Monochromacy



Original Color

20.2460, 17.1337, 11.1853

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.0420, 6.3883, 4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.2460, 17.1337, 11.1853 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(33, 7, 55)` looks like.

```
.text, #text, p{  
    color:rgb(33, 7, 55)  
}
```

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(33, 7, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 7, 55) }
```

Border

The CSS property to change the border of an element to YUV 20.2460, 17.1337, 11.1853 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(33, 7, 55) }
```


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

```
.border{ border-color:rgb(33, 7, 55) }
```

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

Here you see how a box with a 4 pixel rgb(33, 7, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 7, 55); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 7, 55); box-shadow:4px  
4px 4px 4px rgb(33, 7, 55) }
```

Background

The CSS property to change the background color of an element to YUV 20.2460, 17.1337, 11.1853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 7, 55) }
```

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

```
.background{ background-color: rgb(33, 7,  
55) }
```

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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