

Converting Colors

YUV(21.8320, 5.0128, 25.5803)

Have a look what the booklet for
YUV(21.8320, 5.0128, 25.5803)
contains.

YUV(21.8320, 5.0128, 25.5803)	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(21.8320, 5.0128,
25.5803)**

Conversions

Conversions Part 1

Format	Color
Hex	330520
RGB	51, 5, 32
RGB Percent	20%, 2%, 13%
CMY	0.8000, 0.9804, 0.8745
CMYK	0.00, 0.90, 0.37, 0.80
HSL	325°, 82%, 11%
HSV	325°, 90%, 20%
XYZ	1.6802, 0.9166, 1.4549
YIQ	21.8320, 18.7490, 18.1490

Conversions

Conversions Part 2

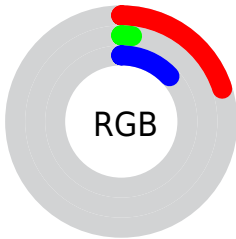
Format	Color
R_{YB}	51, 5, 32
Decimal	3343648
CIE _{Lab}	8.28, 25.61, -5.60
CIE _{LCh}	8, 26.215, 347.660
Yxy	0.9166, 0.4147, 0.2262
Android (android.graphics.Color)	4281533728 (0xFF330520)
YUV	21.8320, 5.0128, 25.5803
Hunter-Lab	9.5741, 14.5715, -2.3078

Details

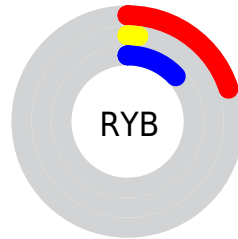
The YUV color **21.8320, 5.0128, 25.5803** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **34.1680, -5.0128, -25.5803**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.5010, 3.6970, 27.6246**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.6690, 5.5862, 28.3543**, and if you desaturate by 10%, it is **24.9950, 4.4395, 22.8064**.

Distribution



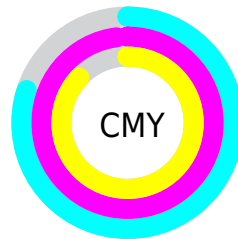
- Red (20%)
- Green (2%)
- Blue (13%)



- Red (20%)
- Yellow (2%)
- Blue (13%)



- Cyan (0%)
- Magenta (90%)
- Yellow (37%)
- Black (80%)



- Cyan (80%)
- Magenta (98%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.8320, 5.0128, 25.5803 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 21.8320, 5.0128, 25.5803 by changing the saturation by 10% instead.

■ 21.8320, 5.0128,
25.5803

■ 21.8320, 5.0128,
25.5803

■ 242.0860, 6.3666,
11.3256

■ 10.0670, -1.5120,
18.3582

■ 68.5010, 3.6970,
27.6246

■ 0.0000, 0.0000,
0.0000

■ 92.5120, 3.6916,
29.3690


■ 117.8110, 3.5442,
29.9838

■ 143.5230, 3.6862,
31.1133

■ 170.1210, 3.3913,
32.3429


■ 197.8330, 3.5333,

33.4725

 223.1420, 4.8600,
27.9395


 21.8320, 5.0128,
25.5803

 21.8320, 5.0128,
25.5803


 18.6690, 5.5862,
28.3543

 24.9950, 4.4395,
22.8064

 28.1580, 3.8661,
20.0324

 31.3210, 3.2927,
17.2585

 34.4840, 2.7194,
14.4845

 37.7610, 2.5828,
11.6106

■ 41.5110, 1.7201,
8.3219

■ 44.6740, 1.1467,
5.5479

■ 47.8370, 0.5734,
2.7740

■ 51.0000, 0.0000,
0.0000

Harmonies

Analogous

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



24.7530, 11.4608, 10.7406



21.8320, 5.0128, 25.5803



19.8620, -3.8760, 29.9390

Triad

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



21.8320, 5.0128, 25.5803



21.8400, -10.7671, 0.1403



24.4840, 12.5794, -21.4725

Complementary

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



21.8320, 5.0128, 25.5803



34.1680, -5.0128, -25.5803

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.



23.2470, 5.3012, -20.3876



21.8320, 5.0128, 25.5803



17.6100, -8.6817, -15.4440

Square

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



21.8320, 5.0128, 25.5803



23.3900, -11.5313, 11.9360



21.0810, -2.9979, -18.4880



23.0480, 17.2313, -20.2131

Rectangle

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



21.8320, 5.0128, 25.5803



20.8310, -10.2697, 27.3352



21.0810, -2.9979, -18.4880



23.9140, 10.3954, -20.9726

Sweetspot

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



21.8320, 5.0128, 25.5803



54.6360, 2.1515, 9.9662



15.6260, 17.4394, 6.4670



26.6740, 1.1467, 5.5479



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



21.8320, 5.0128, 25.5803



24.1800, 7.3063, 36.6761



19.3240, -4.5967, 27.7799



24.0110, -0.0054, 1.7444



32.5390, 9.5943, 49.5163



79.3610, 23.4860, 120.7094

Inverse Universe

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



21.8320, 5.0128, 25.5803



24.1800, 7.3063, 36.6761



36.6760, 4.5967, -27.7799



24.0110, -0.0054, 1.7444



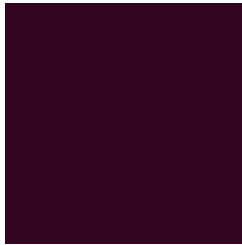
32.5390, 9.5943, 49.5163



79.3610, 23.4860, 120.7094

Previews

White Background



This preview shows how the YUV color 21.8320, 5.0128, 25.5803 looks on a white background.

Color Contrast Check

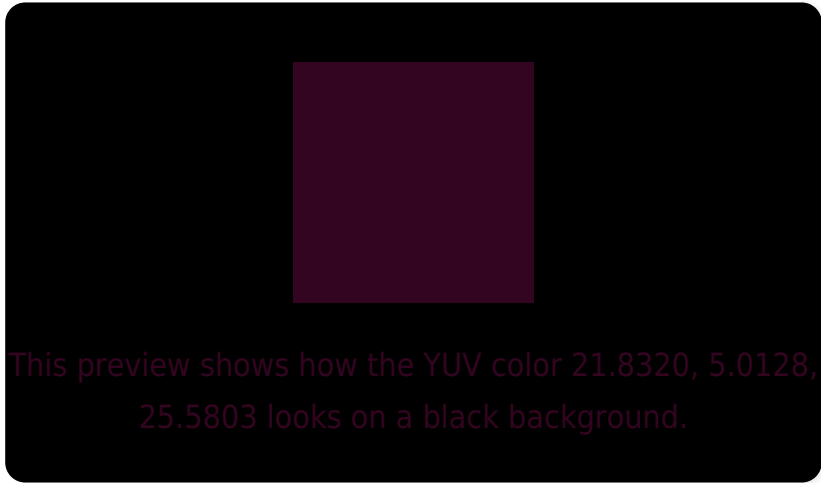
Large Text (above 18pt) WCAG AA ✓ Pass

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

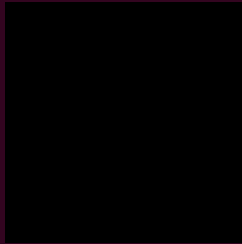
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.8320, 5.0128, 25.5803

Background



This preview shows how black text looks on a background with the YUV color 21.8320, 5.0128, 25.5803.



This preview shows how white text looks on a background with the YUV color 21.8320, 5.0128,

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

21.8320, 5.0128, 25.5803

Protanopia

26.9590, 8.8942, -6.1030

Deuteranopia

27.3530, 1.3050, 1.4444



Tritanopia

24.1770, -5.0173, 22.6468

Trichromacy



Original Color

21.8320, 5.0128, 25.5803

Protanomaly

24.9820, 7.4039, 5.2778

Deuteranomaly

25.1630, 2.8776, 10.3810

Tritanomaly

23.2140, -1.0915, 23.4913

Monochromacy



Original Color

21.8320, 5.0128, 25.5803

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.2230, 1.8621, 9.4514

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.8320, 5.0128, 25.5803 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(51, 5, 32)` looks like.

```
.text, #text, p{  
    color:rgb(51, 5, 32)  
}
```

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(51, 5, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 5, 32) }
```

Border

The CSS property to change the border of an element to YUV 21.8320, 5.0128, 25.5803 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(51, 5, 32) }
```


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

```
.border{ border-color:rgb(51, 5, 32) }
```

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

Here you see how a box with a 4 pixel rgb(51, 5, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 5, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 5, 32); box-shadow:4px  
4px 4px 4px rgb(51, 5, 32) }
```

Background

The CSS property to change the background color of an element to YUV 21.8320, 5.0128, 25.5803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 5, 32) }
```

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

```
.background{ background-color: rgb(51, 5,  
32) }
```

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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