

Converting Colors

YUV(25.0920, 7.3496, 22.7213)

Have a look what the booklet for
YUV(25.0920, 7.3496, 22.7213)
contains.

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Color

**YUV(25.0920, 7.3496,
22.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	330928
RGB	51, 9, 40
RGB Percent	20%, 4%, 16%
CMY	0.8000, 0.9647, 0.8431
CMYK	0.00, 0.82, 0.22, 0.80
HSL	316°, 70%, 12%
HSV	316°, 82%, 20%
XYZ	1.8459, 1.0524, 2.1133
YIQ	25.0920, 15.0810, 18.5450

Conversions

Conversions Part 2

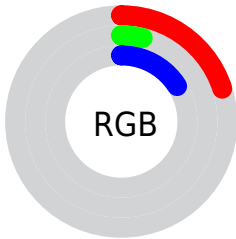
Format	Color
R_{YB}	51, 9, 40
Decimal	3344680
CIE Lab	9.42, 24.83, -9.92
CIE LCh	9, 26.737, 338.221
Yxy	1.0524, 0.3683, 0.2100
Android (android.graphics.Color)	4281534760 (0xFF330928)
YUV	25.0920, 7.3496, 22.7213
Hunter-Lab	10.2586, 14.1669, -5.0331

Details

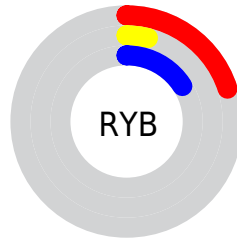
The YUV color **25.0920, 7.3496, 22.7213** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **34.9080, -7.3496, -22.7213**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.9890, 6.9074, 24.5656**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.0430, 8.3598, 25.3953**, and if you desaturate by 10%, it is **28.1410, 6.3395, 20.0473**.

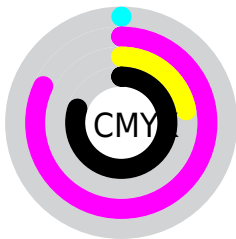
Distribution



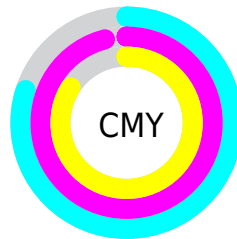
- Red (20%)
- Green (4%)
- Blue (16%)



- Red (20%)
- Yellow (4%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (22%)
- Black (80%)



- Cyan (80%)
- Magenta (96%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.0920, 7.3496, 22.7213 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 25.0920, 7.3496, 22.7213 by changing the saturation by 10% instead.

■ 25.0920, 7.3496,
22.7213

■ 25.0920, 7.3496,
22.7213

■ 244.4340, 5.2090,
9.2664

■ 11.8480, 4.0189,
17.6733

■ 70.9890, 6.9074,
24.5656

■ 0.0000, 0.0000,
0.0000

■ 95.5870, 6.6126,
25.7952

■ 120.4130, 7.1914,
26.8248


■ 146.7120, 7.0440,
27.4396


■ 173.4240, 7.1860,
28.5692

■ 201.1360, 7.3280,


29.6987


 226.7440, 8.5072,
24.7805

 25.0920, 7.3496,
22.7213

 25.0920, 7.3496,
22.7213


 22.0430, 8.3598,
25.3953


 28.1410, 6.3395,
20.0473

 19.5810, 9.0806,
27.5545

 31.3040, 5.7661,
17.2734

 34.3530, 4.7560,
14.5994

 37.4020, 3.7458,
11.9254

 41.1520, 2.8831,
8.6367

■ 44.2010, 1.8729,
5.9627

■ 47.2500, 0.8628,
3.2887

■ 50.4130, 0.2894,
0.5148

■ 53.4620, -0.7208,
-2.1592

Harmonies

Analogous

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



26.9910, 13.8084, 4.3929



25.0920, 7.3496, 22.7213



22.4860, -0.2396, 30.2688

Triad

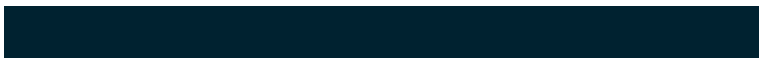
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.0920, 7.3496, 22.7213



24.8190, -12.2358, 4.5437



25.4300, 11.1270, -22.3021

Complementary

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



25.0920, 7.3496, 22.7213



34.9080, -7.3496, -22.7213

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.



24.0790, 3.4121, -21.1173



25.0920, 7.3496, 22.7213



20.8880, -10.2978, -10.4258

Square

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



25.0920, 7.3496, 22.7213



25.1950, -12.4211, 17.3690



20.9840, -5.9081, -18.4030



25.6240, 16.9474, -22.4722

Rectangle

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



25.0920, 7.3496, 22.7213



22.3090, -8.5333, 30.4240



20.9840, -5.9081, -18.4030



25.4470, 8.6536, -22.3170

Sweetspot

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



25.0920, 7.3496, 22.7213



56.1520, 2.8831, 8.6367



17.0770, 16.7240, 2.5635



26.9020, 2.0203, 5.3479



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.



25.0920, 7.3496, 22.7213



25.9070, 11.3848, 35.1616



22.8120, -1.3863, 24.7209



24.1250, 0.4314, 1.6444



34.1350, 15.7094, 48.1166



83.1230, 37.9004, 117.4101

Inverse Universe

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



25.0920, 7.3496, 22.7213



25.9070, 11.3848, 35.1616



37.3020, 1.8231, -24.8209



24.1250, 0.4314, 1.6444



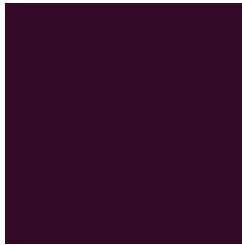
34.1350, 15.7094, 48.1166



83.1230, 37.9004, 117.4101

Previews

White Background



This preview shows how the YUV color 25.0920, 7.3496, 22.7213 looks on a white background.

Color Contrast Check

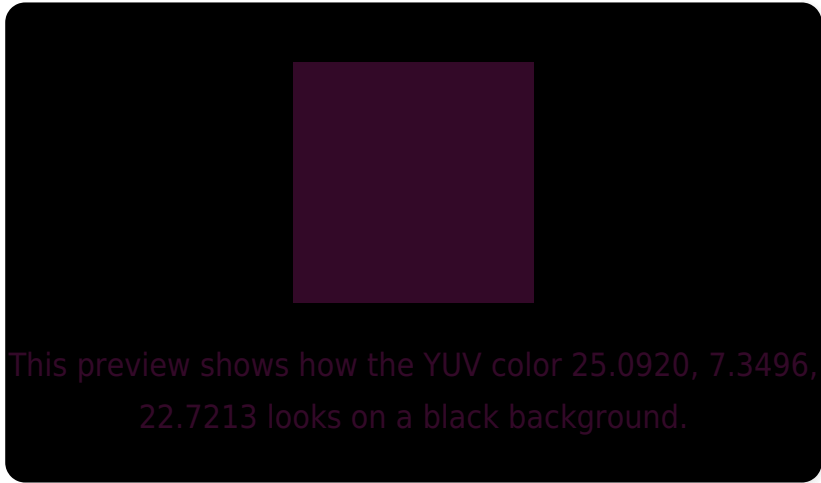
Large Text (above 18pt) WCAG AA ✓ Pass

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

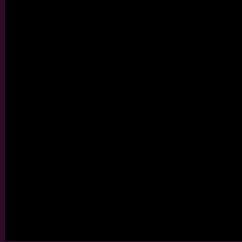
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.0920, 7.3496, 22.7213

Background



This preview shows how black text looks on a background with the YUV color 25.0920, 7.3496, 22.7213.



This preview shows how white text looks on a background with the YUV color 25.0920, 7.3496,

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

25.0920, 7.3496, 22.7213

Protanopia

26.8920, 13.8572, -11.3063

Deuteranopia

28.5420, 4.6628, -2.2293



Tritanopia

26.6820, -4.2802, 19.5729

Trichromacy



Original Color

25.0920, 7.3496, 22.7213

Protanomaly

26.1000, 11.7827, 0.7893

Deuteranomaly

27.2380, 5.7987, 6.8073

Tritanomaly

26.1320, -0.0651, 20.9322

Monochromacy



Original Color

25.0920, 7.3496, 22.7213

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.7390, 2.5937, 8.1219

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.0920, 7.3496, 22.7213 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, 9, 40)` looks like.

```
.text, #text, p{  
    color:rgb(51, 9, 40)  
}
```

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, 9, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 9, 40) }
```

Border

The CSS property to change the border of an element to YUV 25.0920, 7.3496, 22.7213 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, 9, 40) }
```


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

```
.border{ border-color:rgb(51, 9, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 9, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 9, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 9, 40); box-shadow:4px  
4px 4px 4px rgb(51, 9, 40) }
```

Background

The CSS property to change the background color of an element to YUV 25.0920, 7.3496, 22.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 9, 40) }
```

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

```
.background{ background-color: rgb(51, 9,  
40) }
```

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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