

Converting Colors

YUV(20.7450, -9.7343, 42.3196)

Have a look what the booklet for
YUV(20.7450, -9.7343, 42.3196)
contains.

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Color

**YUV(20.7450, -9.7343,
42.3196)**

Conversions

Conversions Part 1

Format	Color
Hex	450001
RGB	69, 0, 1
RGB Percent	27%, 0%, 0%
CMY	0.7294, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.99, 0.73
HSL	359°, 100%, 14%
HSV	359°, 100%, 27%
XYZ	2.4597, 1.2674, 0.1437
YIQ	20.7450, 40.8030, 14.9390

Conversions

Conversions Part 2

Format	Color
R_{YB}	69, 0, 1
Decimal	4521985
CIE _{Lab}	11.05, 31.32, 16.99
CIE _{LCh}	11, 35.630, 28.477
Yxy	1.2674, 0.6355, 0.3274
Android (android.graphics.Color)	4282712065 (0xFF450001)
YUV	20.7450, -9.7343, 42.3196
Hunter-Lab	11.2579, 19.2989, 7.1237

Details

The YUV color **20.7450, -9.7343, 42.3196** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **48.2550, 9.7343, -42.3196**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.3000, -11.4869, 44.4639**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.7450, -9.7343, 42.3196**, and if you desaturate by 10%, it is **25.6520, -8.7024, 38.0162**.

Distribution



Red (27%)

Green (0%)

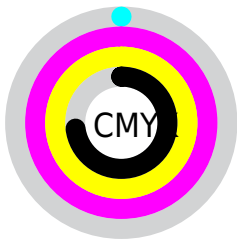
Blue (0%)



Red (27%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (73%)



Cyan (73%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.7450, -9.7343, 42.3196 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 20.7450, -9.7343, 42.3196 by changing the saturation by 10% instead.

■ 20.7450, -9.7343,
42.3196

■ 20.7450, -9.7343,
42.3196

■ 239.9540, -6.8793,
13.1953

■ 13.5690, -6.1965,
27.5650

■ 71.3000, -11.4869,
44.4639

■ 0.0000, 0.0000,
0.0000

■ 96.3820, -12.5133,
47.0230


■ 122.0510,
-13.8291, 49.0673


■ 148.8340,
-14.7082, 51.0116


■ 176.0300,
-15.2978, 53.4707


■ 200.2250,


-14.4079, 48.0377


 219.7390,
-10.7173, 30.9239


 20.7450, -9.7343,
42.3196

 25.6520, -8.7024,
38.0162

 30.5590, -7.6706,
33.7128

 35.3520, -7.0755,
29.5093

 40.2590, -6.0437,
25.2059

 45.1660, -5.0118,
20.9024

■ 49.4860, -3.6906,
17.1138

■ 54.3930, -2.6587,
12.8103

■ 59.1860, -2.0637,
8.6069

■ 64.0930, -1.0318,
4.3034

Harmonies

Analogous

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



24.2790, 3.8065, 39.2203



20.7450, -9.7343, 42.3196



27.0220, -13.3218, 26.2907

Triad

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



20.7450, -9.7343, 42.3196



22.3060, -10.9969, -19.5624



28.3770, 24.9571, -24.8866

Complementary

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



20.7450, -9.7343, 42.3196



48.2550, 9.7343, -42.3196

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.



30.4000, 20.0158, -26.6608



20.7450, -9.7343, 42.3196



26.6720, 0.6547, -23.3913

Square

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



20.7450, -9.7343, 42.3196



25.0300, -12.3398, -8.7963



29.4080, 11.1379, -25.7908



28.3900, 21.9927, -7.3580

Rectangle

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



20.7450, -9.7343, 42.3196



28.4290, -14.0155, 15.4098



29.4080, 11.1379, -25.7908



29.4370, 23.9416, -25.8162

Sweetspot

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



20.7450, -9.7343, 42.3196



70.1870, -3.5432, 16.4990



28.1980, 20.1154, 34.9064



34.1970, -2.0691, 10.3512



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



20.7450, -9.7343, 42.3196



26.7250, -12.6824, 54.6152



40.0020, -19.7210, 25.4312



33.1960, -0.5896, 2.4591



29.7150, -14.1565, 60.7629



68.2150, -32.1510, 139.2544

Inverse Universe

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



20.7450, -9.7343, 42.3196



26.7250, -12.6824, 54.6152



28.9980, 19.7210, -25.4312



33.1960, -0.5896, 2.4591



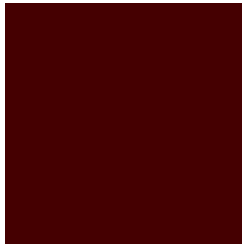
29.7150, -14.1565, 60.7629



68.2150, -32.1510, 139.2544

Previews

White Background



This preview shows how the YUV color 20.7450, -9.7343, 42.3196 looks on a white background.

Color Contrast Check

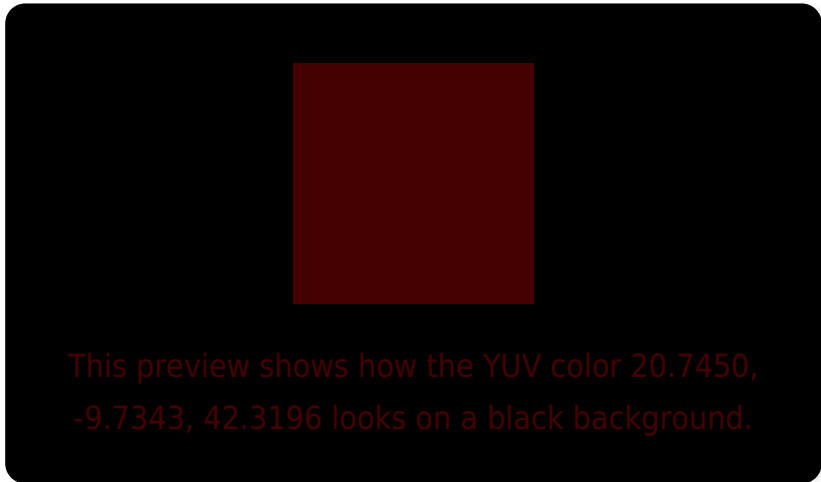
Large Text (above 18pt) WCAG AA ✓ Pass

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

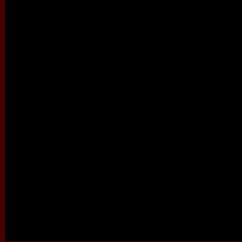
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.7450, -9.7343, 42.3196

Background



This preview shows how black text looks on a background with the YUV color 20.7450, -9.7343, 42.3196.



This preview shows how white text looks on a background with the YUV color 20.7450, -9.7343,

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

20.7450, -9.7343, 42.3196

Protanopia

33.2320, -11.9464, 5.0585

Deuteranopia

32.5270, -16.0358, 10.0618



Tritanopia

23.8540, -11.7600, 38.7160

Trichromacy



Original Color

20.7450, -9.7343, 42.3196

Protanomaly

28.5480, -11.1162, 18.8134

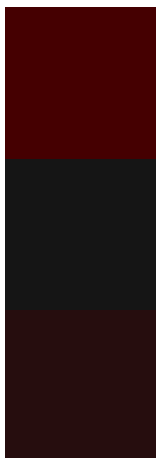
Deuteranomaly

28.1740, -13.8898, 21.7724

Tritanomaly

22.6800, -11.1812, 39.7456

Monochromacy



Original Color

20.7450, -9.7343, 42.3196

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.5890, -3.2484, 15.2694

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.7450, -9.7343, 42.3196 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(69, 0, 1)` looks like.

```
.text, #text, p{  
    color:rgb(69, 0, 1)  
}
```

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(69, 0, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 0, 1) }
```

Border

The CSS property to change the border of an element to YUV 20.7450, -9.7343, 42.3196 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(69, 0, 1) }
```


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

```
.border{ border-color:rgb(69, 0, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 0, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(69, 0, 1); box-shadow:4px  
4px 4px 4px rgb(69, 0, 1) }
```

Background

The CSS property to change the background color of an element to YUV 20.7450, -9.7343, 42.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 0, 1) }
```

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

```
.background{ background-color: rgb(69, 0,  
1) }
```

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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