

Converting Colors

YUV(29.0040, 7.3930, 8.7665)

Have a look what the booklet for
YUV(29.0040, 7.3930, 8.7665)
contains.

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Color

**YUV(29.0040, 7.3930,
8.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	27152C
RGB	39, 21, 44
RGB Percent	15%, 8%, 17%
CMY	0.8471, 0.9176, 0.8275
CMYK	0.11, 0.52, 0.00, 0.83
HSL	287°, 35%, 13%
HSV	287°, 52%, 17%
XYZ	1.5595, 1.1495, 2.5226
YIQ	29.0040, 3.3450, 10.9690

Conversions

Conversions Part 2

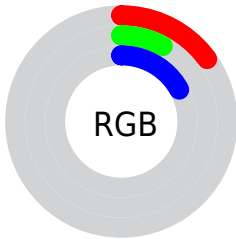
Format	Color
R_{YB}	39, 21, 44
Decimal	2561324
CIE _{Lab}	10.18, 14.21, -11.88
CIE _{LCh}	10, 18.520, 320.108
Yxy	1.1495, 0.2981, 0.2197
Android (android.graphics.Color)	4280751404 (0xFF27152C)
YUV	29.0040, 7.3930, 8.7665
Hunter-Lab	10.7215, 7.2008, -6.4446

Details

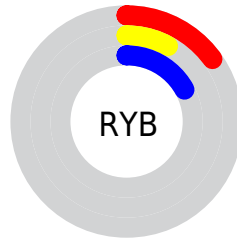
The YUV color **29.0040, 7.3930, 8.7665** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **35.9960, -7.3930, -8.7665**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.2430, 8.2612, 10.3109**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.3570, 8.6980, 10.2109**, and if you desaturate by 10%, it is **31.6510, 6.0881, 7.3221**.

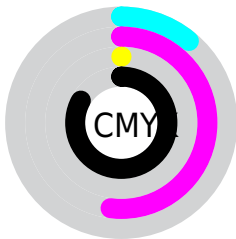
Distribution



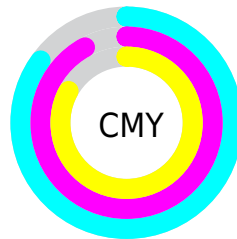
- Red (15%)
- Green (8%)
- Blue (17%)



- Red (15%)
- Yellow (8%)
- Blue (17%)



- Cyan (11%)
- Magenta (52%)
- Yellow (0%)
- Black (83%)



- Cyan (85%)
- Magenta (92%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.0040, 7.3930, 8.7665 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 29.0040, 7.3930, 8.7665 by changing the saturation by 10% instead.

■ 29.0040, 7.3930,
8.7665

■ 29.0040, 7.3930,
8.7665

■ 250.3040, 2.3151,
4.1184

■ 9.0150, 7.3876,
10.5108

■ 73.2430, 8.2612,
10.3109

■ 0.0000, 0.0000,
0.0000

■ 96.6560, 8.5506,
10.8257


■ 122.0690, 8.8400,
11.3405


■ 147.4820, 9.1294,
11.8553


■ 174.4820, 9.1294,
11.8553

■ 201.8950, 9.4188,


12.3701


 230.0090, 9.8556,
12.2701


 29.0040, 7.3930,
8.7665


 29.0040, 7.3930,
8.7665


 26.3570, 8.6980,
10.2109


 31.6510, 6.0881,
7.3221


 23.1230, 10.2924,
12.1701


 34.8850, 4.4937,
5.3629


 20.4760, 11.5973,
13.6145

 37.5320, 3.1887,
3.9184

 17.2420, 13.1917,
15.5738

 40.7660, 1.5944,
1.9592

 15.1820, 14.2073,
16.5034

 43.4130, 0.2894,
0.5148

■ 46.0600, -1.0156,
-0.9296

■ 49.2940, -2.6099,
-2.8888

■ 51.9410, -3.9149,
-4.3333

■ 55.1750, -5.5093,
-6.2925

Harmonies

Analogous

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



27.3550, 11.6570, -5.5733



29.0040, 7.3930, 8.7665



28.3920, 2.2717, 18.0732

Triad

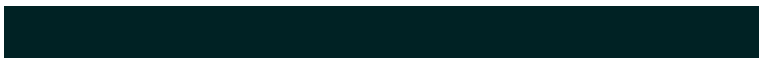
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.0040, 7.3930, 8.7665



27.2220, -13.4204, 11.2063



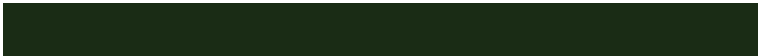
24.0620, 5.8854, -21.1024

Complementary

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



29.0040, 7.3930, 8.7665



35.9960, -7.3930, -8.7665

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.



22.5800, 0.2071, -19.8027



29.0040, 7.3930, 8.7665



26.2810, -12.9565, 2.3846

Square

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



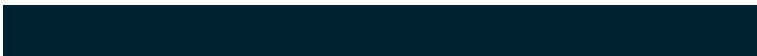
29.0040, 7.3930, 8.7665



26.7220, -11.6949, 17.7838



23.1700, -7.9718, -9.7961



24.7290, 10.9796, -21.6873

Rectangle

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



29.0040, 7.3930, 8.7665



27.3770, -1.6649, 20.7174



23.1700, -7.9718, -9.7961



23.6060, 4.1382, -20.7025

Sweetspot

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



29.0040, 7.3930, 8.7665



50.1190, 2.8993, 3.4036



26.5570, 8.5994, -4.8735



24.7660, 1.5944, 1.9592



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



29.0040, 7.3930, 8.7665



33.0630, 11.3079, 13.0997



29.8150, 4.0352, 12.4402



21.5270, 0.7262, 0.4148



30.2500, 27.9778, 33.1067



74.6280, 68.7104, 81.8872

Inverse Universe

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



28.4470, -1.2064, 13.6400



32.2630, -2.1017, 20.8173



35.1850, -4.0352, -12.4402



21.5980, -0.2948, 1.2296



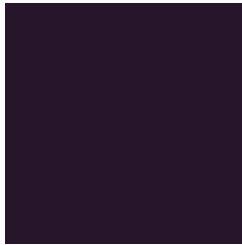
28.1790, -4.5252, 51.5860



69.3440, -11.0156, 126.8633

Previews

White Background



This preview shows how the YUV color 29.0040, 7.3930, 8.7665 looks on a white background.

Color Contrast Check

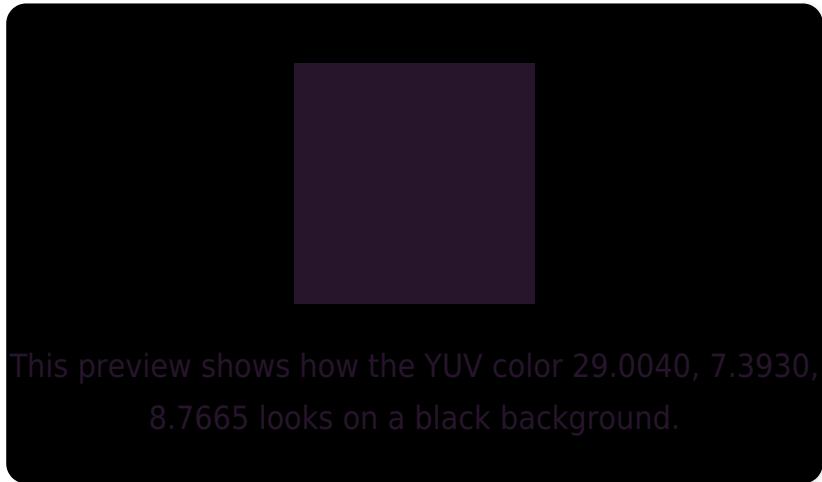
Large Text (above 18pt) WCAG AA ✓ Pass

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

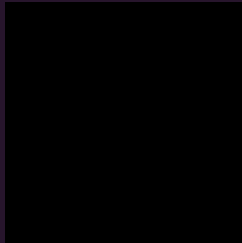
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.0040, 7.3930, 8.7665

Background



This preview shows how black text looks on a background with the YUV color 29.0040, 7.3930, 8.7665.



This preview shows how white text looks on a background with the YUV color 29.0040, 7.3930,

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

29.0040, 7.3930, 8.7665

Protanopia

27.5180, 11.0836, -8.3473

Deuteranopia

27.9160, 7.4364, -5.1883



Tritanopia

28.8160, -0.8953, 7.1774

Trichromacy



Original Color

29.0040, 7.3930, 8.7665

Protanomaly

27.9210, 9.8989, -1.6847

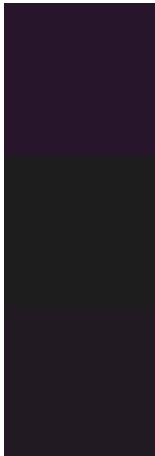
Deuteranomaly

27.9490, 7.4201, 0.0447

Tritanomaly

29.2120, 1.8675, 7.7071

Monochromacy



Original Color

29.0040, 7.3930, 8.7665

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.0040, 7.3930, 8.7665 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(39, 21, 44)` looks like.

```
.text, #text, p{  
    color:rgb(39, 21, 44)  
}
```

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(39, 21, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 21, 44) }
```

Border

The CSS property to change the border of an element to YUV 29.0040, 7.3930, 8.7665 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(39, 21, 44) }
```


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

```
.border{ border-color:rgb(39, 21, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 21, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 21, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 21, 44);  
box-shadow:4px 4px 4px 4px rgb(39, 21, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.0040, 7.3930, 8.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 21, 44) }
```

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

```
.background{ background-color: rgb(39, 21,  
44) }
```

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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