

Converting Colors

YUV(23.7920, 8.9765, 14.2144)

Have a look what the booklet for
YUV(23.7920, 8.9765, 14.2144)
contains.

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Color

**YUV(23.7920, 8.9765,
14.2144)**

Conversions

Conversions Part 1

Format	Color
Hex	280C2A
RGB	40, 12, 42
RGB Percent	16%, 5%, 16%
CMY	0.8431, 0.9529, 0.8353
CMYK	0.05, 0.71, 0.00, 0.84
HSL	296°, 56%, 11%
HSV	296°, 71%, 16%
XYZ	1.4245, 0.8812, 2.2855
YIQ	23.7920, 7.0580, 15.2660

Conversions

Conversions Part 2

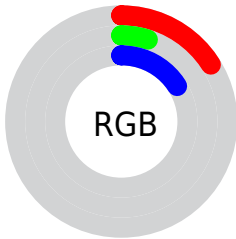
Format	Color
RYB	40, 12, 42
Decimal	2624554
CIELab	7.96, 20.00, -13.86
CIELCh	8, 24.332, 325.277
Yxy	0.8812, 0.3103, 0.1919
Android (android.graphics.Color)	4280814634 (0xFF280C2A)
YUV	23.7920, 8.9765, 14.2144
Hunter-Lab	9.3874, 10.6581, -7.8639

Details

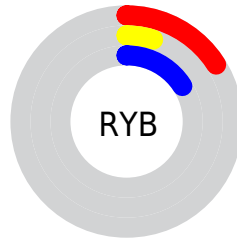
The YUV color **23.7920, 8.9765, 14.2144** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **30.2080, -8.9765, -14.2144**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.0310, 9.8447, 15.7588**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.4440, 10.1341, 16.2736**, and if you desaturate by 10%, it is **26.1400, 7.8190, 12.1552**.

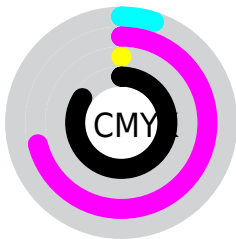
Distribution



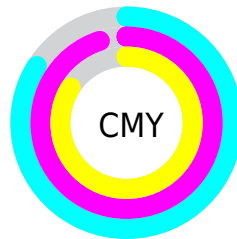
- Red (16%)
- Green (5%)
- Blue (16%)



- Red (16%)
- Yellow (5%)
- Blue (16%)



- Cyan (5%)
- Magenta (71%)
- Yellow (0%)
- Black (84%)



- Cyan (84%)
- Magenta (95%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.7920, 8.9765, 14.2144 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 23.7920, 8.9765, 14.2144 by changing the saturation by 10% instead.

■ 23.7920, 8.9765,
14.2144

■ 23.7920, 8.9765,
14.2144

■ 244.4340, 5.2090,
9.2664

■ 7.2920, 7.2510,
7.6369

■ 68.0310, 9.8447,
15.7588

■ 0.0000, 0.0000,
0.0000

■ 91.7430, 9.9867,
16.8884

■ 117.0420, 9.8393,
17.5032

■ 142.5690, 10.5655,
17.9180

■ 169.2810, 10.7075,
19.0476

■ 196.6940, 10.9969,

19.5624

■ 224.6940, 10.9969,
19.5624

■ 23.7920, 8.9765,
14.2144

■ 23.7920, 8.9765,
14.2144

■ 21.4440, 10.1341,
16.2736

■ 26.1400, 7.8190,
12.1552

■ 18.7970, 11.4391,
17.7180

■ 28.7870, 6.5140,
10.7108

■ 16.4490, 12.5966,
19.7772

■ 31.7220, 5.0671,
8.1368

■ 34.0700, 3.9095,
6.0776

■ 36.4180, 2.7519,
4.0184

■ 39.0650, 1.4470,
2.5740

■ 41.4130, 0.2894,
0.5148

■ 44.3480, -1.1576,
-2.0592

■ 46.9950, -2.4625,
-3.5036

Harmonies

Analogous

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



22.8650, 14.8566, -5.1436



23.7920, 8.9765, 14.2144



21.5500, 2.6869, 24.9507

Triad

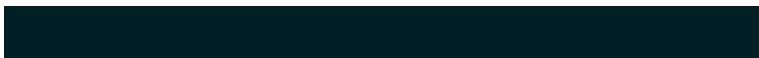
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.7920, 8.9765, 14.2144



22.7810, -11.2310, 8.9621



23.0020, 6.9010, -20.1728

Complementary

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



23.7920, 8.9765, 14.2144



30.2080, -8.9765, -14.2144

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.



21.0640, -0.5246, -18.4731



23.7920, 8.9765, 14.2144



20.6330, -10.1721, -4.0631

Square

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



23.7920, 8.9765, 14.2144



22.2600, -10.9742, 19.9430



17.6100, -8.6817, -15.4440



23.3100, 13.1582, -20.4429

Rectangle

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



23.7920, 8.9765, 14.2144



20.6660, -3.2863, 27.4799



17.6100, -8.6817, -15.4440



22.3180, 4.2802, -19.5729

Sweetspot

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



23.7920, 8.9765, 14.2144



46.6570, 3.6201, 5.5628



16.5940, 12.5252, -4.0289



23.8910, 2.0257, 3.6036



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.



23.7920, 8.9765, 14.2144



25.2150, 14.1910, 21.7364



22.9080, 3.0034, 16.7437



18.8260, 0.5788, 1.0296



33.1970, 25.0459, 40.1692



83.3700, 63.4146, 100.5305

Inverse Universe

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



21.1980, -3.5486, 18.2434



21.5090, -5.1809, 28.4946



31.0920, -3.0034, -16.7437



18.5980, -0.2948, 1.2296



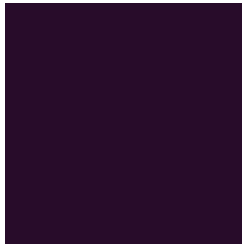
25.8000, -9.7614, 51.0414



64.9840, -25.1351, 128.9330

Previews

White Background



This preview shows how the YUV color 23.7920, 8.9765, 14.2144 looks on a white background.

Color Contrast Check

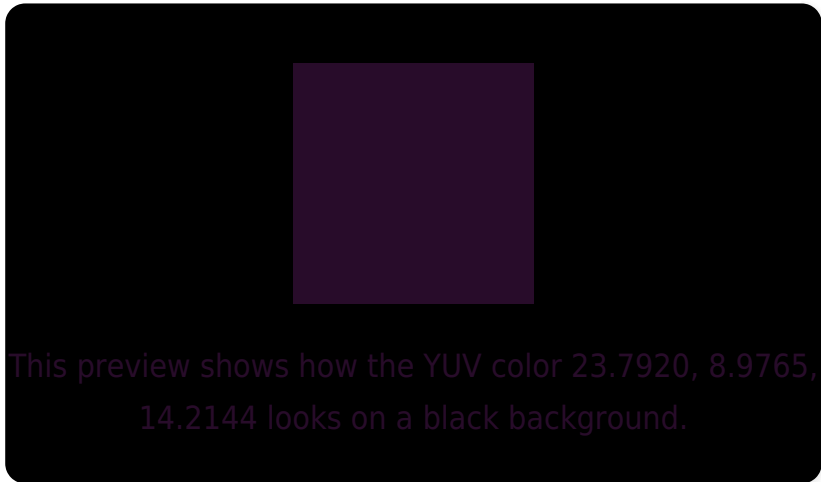
Large Text (above 18pt) WCAG AA ✓ Pass

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

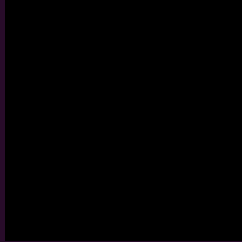
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.7920, 8.9765, 14.2144

Background



This preview shows how black text looks on a background with the YUV color 23.7920, 8.9765, 14.2144.



This preview shows how white text looks on a background with the YUV color 23.7920, 8.9765,

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

23.7920, 8.9765, 14.2144

Protanopia

19.9020, 15.3313, -17.4541

Deuteranopia

24.0190, 7.8786, -7.0327



Tritanopia

24.6100, -1.7797, 10.8660

Trichromacy



Original Color

23.7920, 8.9765, 14.2144

Protanomaly

21.6970, 12.9674, -5.8733

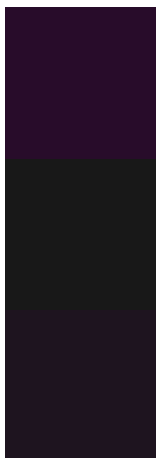
Deuteranomaly

23.8890, 8.4357, 0.9743

Tritanomaly

24.0600, 2.4354, 12.2254

Monochromacy



Original Color

23.7920, 8.9765, 14.2144

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.2440, 3.3307, 5.0480

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.7920, 8.9765, 14.2144 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(40, 12, 42)` looks like.

```
.text, #text, p{  
    color:rgb(40, 12, 42)  
}
```

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(40, 12, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 12, 42) }
```

Border

The CSS property to change the border of an element to YUV 23.7920, 8.9765, 14.2144 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(40, 12, 42) }
```


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

```
.border{ border-color:rgb(40, 12, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 12, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 12, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 12, 42);  
box-shadow:4px 4px 4px 4px rgb(40, 12, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.7920, 8.9765, 14.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 12, 42) }
```

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

```
.background{ background-color: rgb(40, 12,  
42) }
```

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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