

Converting Colors

YUV(29.6020, 7.0982, 9.9960)

Have a look what the booklet for
YUV(29.6020, 7.0982, 9.9960)
contains.

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Color

**YUV(29.6020, 7.0982,
9.9960)**

Conversions

Conversions Part 1

Format	Color
Hex	29152C
RGB	41, 21, 44
RGB Percent	16%, 8%, 17%
CMY	0.8392, 0.9176, 0.8275
CMYK	0.07, 0.52, 0.00, 0.83
HSL	292°, 35%, 13%
HSV	292°, 52%, 17%
XYZ	1.6372, 1.1896, 2.5262
YIQ	29.6020, 4.5370, 11.3930

Conversions

Conversions Part 2

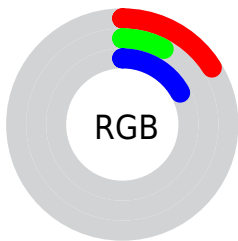
Format	Color
RYB	41, 21, 44
Decimal	2692396
CIELab	10.48, 14.99, -11.39
CIElCh	10, 18.825, 322.780
Yxy	1.1896, 0.3059, 0.2222
Android (android.graphics.Color)	4280882476 (0xFF29152C)
YUV	29.6020, 7.0982, 9.9960
Hunter-Lab	10.9069, 7.7078, -6.0977

Details

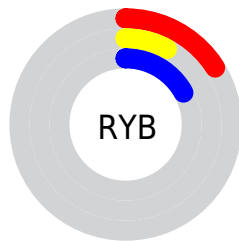
The YUV color **29.6020, 7.0982, 9.9960** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **35.3980, -7.0982, -9.9960**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.8410, 7.9664, 11.5404**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.9550, 8.4032, 11.4405**, and if you desaturate by 10%, it is **32.2490, 5.7932, 8.5516**.

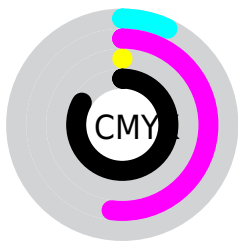
Distribution



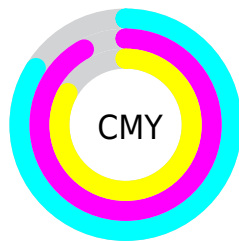
- Red (16%)
- Green (8%)
- Blue (17%)



- Red (16%)
- Yellow (8%)
- Blue (17%)



- Cyan (7%)
- Magenta (52%)
- Yellow (0%)
- Black (83%)



- Cyan (84%)
- Magenta (92%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.6020, 7.0982, 9.9960 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 29.6020, 7.0982, 9.9960 by changing the saturation by 10% instead.

■ 29.6020, 7.0982,
9.9960

■ 29.6020, 7.0982,
9.9960

■ 250.8910, 2.0257,
3.6036

■ 9.6130, 7.0928,
11.7404

■ 73.8410, 7.9664,
11.5404

■ 0.0000, 0.0000,
0.0000

■ 98.1400, 7.8190,
12.1552

■ 122.6670, 8.5452,
12.5700

■ 148.6670, 8.5452,
12.5700

■ 175.3790, 8.6872,
13.6996

■ 202.7920, 8.9765,

14.2144

■ 230.9060, 9.4133,
14.1144

■ 29.6020, 7.0982,
9.9960

■ 29.6020, 7.0982,
9.9960

■ 26.9550, 8.4032,
11.4405

■ 32.2490, 5.7932,
8.5516

■ 24.0200, 9.8501,
14.0145

■ 35.1840, 4.3463,
5.9776

■ 21.3730, 11.1551,
15.4589

■ 37.8310, 3.0413,
4.5332

■ 18.4380, 12.6021,
18.0329

■ 40.7660, 1.5944,
1.9592

■ 16.3780, 13.6176,
18.9625

■ 43.4130, 0.2894,
0.5148

■ 45.7610, -0.8682,
-1.5444

■ 48.9950, -2.4625,
-3.5036

■ 51.6420, -3.7675,
-4.9480

■ 54.5770, -5.2145,
-7.5220

Harmonies

Analogous

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



28.3660, 11.6516, -3.8290



29.6020, 7.0982, 9.9960



28.5770, 1.6875, 18.7880

Triad

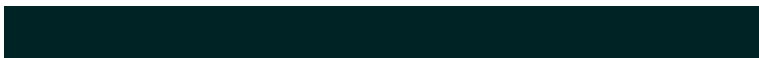
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.6020, 7.0982, 9.9960



27.5100, -13.5624, 10.0767



24.8770, 6.4696, -21.8171

Complementary

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



29.6020, 7.0982, 9.9960



35.3980, -7.0982, -9.9960

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.



23.3950, 0.7913, -20.5174



29.6020, 7.0982, 9.9960



26.5690, -13.0985, 1.2550

Square

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



29.6020, 7.0982, 9.9960



27.4940, -12.5685, 17.9838



23.8000, -6.8034, -11.2256



24.8430, 11.4164, -21.7873

Rectangle

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



29.6020, 7.0982, 9.9960



28.1490, -2.5385, 20.9173



23.8000, -6.8034, -11.2256



24.4210, 4.7224, -21.4172

Sweetspot

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



29.6020, 7.0982, 9.9960



50.4180, 2.7519, 4.0184



25.3830, 9.1782, -3.8439



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.



29.6020, 7.0982, 9.9960



33.9600, 10.8657, 14.9441



29.5870, 3.1616, 12.6402



21.8260, 0.5788, 1.0296



32.3430, 26.9459, 37.4102



80.0100, 66.0571, 92.9532

Inverse Universe

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



28.2190, -2.0800, 13.8399



31.9210, -3.4121, 21.1173



35.4130, -3.1616, -12.6402



21.5980, -0.2948, 1.2296



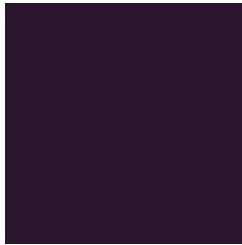
27.2670, -8.0196, 52.3858



67.1780, -19.3148, 128.7629

Previews

White Background



This preview shows how the YUV color 29.6020, 7.0982, 9.9960 looks on a white background.

Color Contrast Check

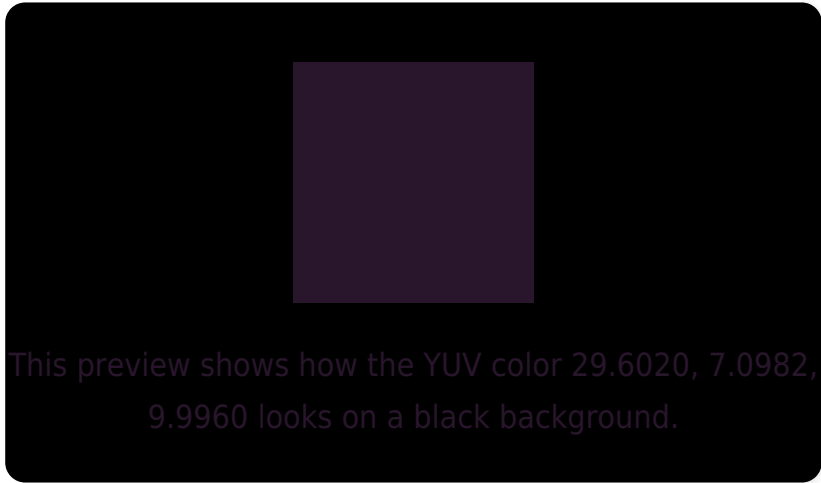
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6020, 7.0982, 9.9960

Background



This preview shows how black text looks on a background with the YUV color 29.6020, 7.0982, 9.9960.



This preview shows how white text looks on a background with the YUV color 29.6020, 7.0982, 9.9960.

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

29.6020, 7.0982, 9.9960

Protanopia

27.9310, 11.3730, -7.8325

Deuteranopia

28.8020, 6.9996, -5.0884



Tritanopia

29.4140, -1.1901, 8.4069

Trichromacy



Original Color

29.6020, 7.0982, 9.9960

Protanomaly

28.2200, 9.7515, -1.0699

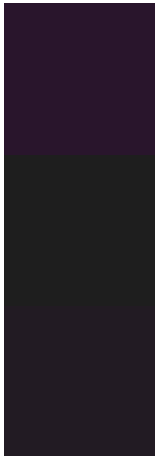
Deuteranomaly

29.1340, 6.8359, 0.7595

Tritanomaly

29.8100, 1.5727, 8.9366

Monochromacy



Original Color

29.6020, 7.0982, 9.9960

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.6020, 7.0982, 9.9960 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(41, 21, 44)` looks like.

```
.text, #text, p{  
    color:rgb(41, 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(41, 21, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 21, 44) }
```

Border

The CSS property to change the border of an element to YUV 29.6020, 7.0982, 9.9960 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(41, 21, 44) }
```


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

```
.border{ border-color:rgb(41, 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(41, 21, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 21, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 21, 44);  
box-shadow:4px 4px 4px 4px rgb(41, 21, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.6020, 7.0982, 9.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 21, 44) }
```

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

```
.background{ background-color: rgb(41, 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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