

Converting Colors

YUV(47.3220, 31.8863, -7.2984)

Have a look what the booklet for
YUV(47.3220, 31.8863, -7.2984)
contains.

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Color

**YUV(47.3220, 31.8863,
-7.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	272770
RGB	39, 39, 112
RGB Percent	15%, 15%, 44%
CMY	0.8471, 0.8471, 0.5608
CMYK	0.65, 0.65, 0.00, 0.56
HSL	240°, 48%, 30%
HSV	240°, 65%, 44%
XYZ	4.4868, 3.0522, 15.6819
YIQ	47.3220, -23.4330, 22.7030

Conversions

Conversions Part 2

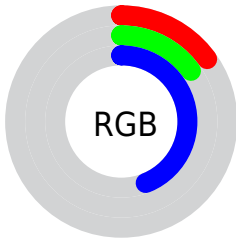
Format	Color
R_{YB}	39, 39, 112
Decimal	2566000
CIE _{Lab}	20.25, 24.45, -42.33
CIE _{LCh}	20, 48.885, 300.007
Yxy	3.0522, 0.1932, 0.1314
Android (android.graphics.Color)	4280756080 (0xFF272770)
YUV	47.3220, 31.8863, -7.2984
Hunter-Lab	17.4706, 15.2693, -40.9902

Details

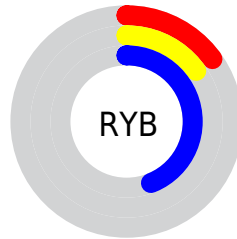
The YUV color **47.3220, 31.8863, -7.2984** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **103.6780, -31.8863, 7.2984**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.9250, 34.0540, -2.5652**, and **7.1820, 27.5183, -6.2986** is the 20% darker color. If you saturate the color by 10%, you get **37.5760, 36.6910, -8.3982**, and if you desaturate by 10%, it is **57.0680, 27.0815, -6.1986**.

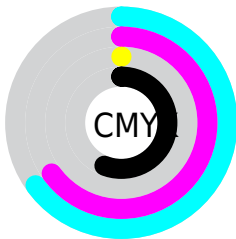
Distribution



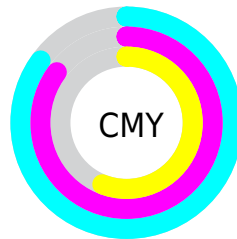
- Red (15%)
- Green (15%)
- Blue (44%)



- Red (15%)
- Yellow (15%)
- Blue (44%)



- Cyan (65%)
- Magenta (65%)
- Yellow (0%)
- Black (56%)



- Cyan (85%)
- Magenta (85%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.3220, 31.8863, -7.2984 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 47.3220, 31.8863, -7.2984 by changing the saturation by 10% instead.

■ 47.3220, 31.8863,
-7.2984

■ 47.3220, 31.8863,
-7.2984

■ 255.0000, 0.0000,
0.0000

■ 21.9680, 32.0608,
-16.6349

■ 95.9250, 34.0540,
-2.5652

■ 7.1820, 27.5183,
-6.2986

■ 121.7510, 34.6328,
-1.5356

■ 6.3210, 16.6037,
-5.5435

■ 147.6910, 35.6483,
-0.6060

■ 2.6390, 7.5730,
-2.3144

■ 174.6310, 36.6639,
0.3236

■ 0.0000, 0.0000,
0.0000

■ 199.5360, 27.3438,
3.0379

■ 224.6430, 14.9660,

6.4521

247.9560, 3.4727,
6.1776

47.3220, 31.8863,
-7.2984

47.3220, 31.8863,
-7.2984

37.5760, 36.6910,
-8.3982

57.0680, 27.0815,
-6.1986

27.8300, 41.4958,
-9.4979

66.8140, 22.2767,
-5.0989

17.1980, 46.7374,
-10.6976

77.4460, 17.0351,
-3.8991

12.7680, 48.9214,
-11.1975

87.1920, 12.2303,
-2.7994

96.9380, 7.4256,
-1.6996

■ 106.6840, 2.6208,
-0.5999

■ 116.4300, -2.1840,
0.4999

■ 127.0620, -7.4256,
1.6996

■ 136.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



45.6060, 37.6622, -39.9965



47.3220, 31.8863, -7.2984



43.0570, 20.6779, 41.1690

Triad

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



47.3220, 31.8863, -7.2984



44.5090, -21.9429, 38.1416



42.4530, 2.7347, -37.2313

Complementary

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



47.3220, 31.8863, -7.2984



103.6780, -31.8863, 7.2984

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.



36.6050, -14.5953, -32.1026



47.3220, 31.8863, -7.2984



46.4150, -22.8826, 12.7910

Square

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



47.3220, 31.8863, -7.2984



33.1050, -8.9258, 63.0519



40.9340, -20.1805, -13.9741



46.5570, 18.4594, -40.8305

Rectangle

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



47.3220, 31.8863, -7.2984



38.1640, 11.7511, 57.7382



40.9340, -20.1805, -13.9741



40.3840, -2.6543, -35.4168

Sweetspot

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



47.3220, 31.8863, -7.2984



119.3060, 12.6671, -2.8994



90.1730, 10.7607, -44.8787



58.0520, 7.8624, -1.7996



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



47.3220, 31.8863, -7.2984



44.8820, 49.3582, -11.2975



58.0860, 26.5796, 14.8336



50.6840, 2.6208, -0.5999



13.6800, 52.4158, -11.9974



28.1580, 107.8891, -24.6946

Inverse Universe

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



69.1490, 21.1255, 37.5803



78.6690, 32.7012, 58.1723



92.6150, -26.4322, -15.4484



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 47.3220, 31.8863, -7.2984 looks on a white background.

Color Contrast Check

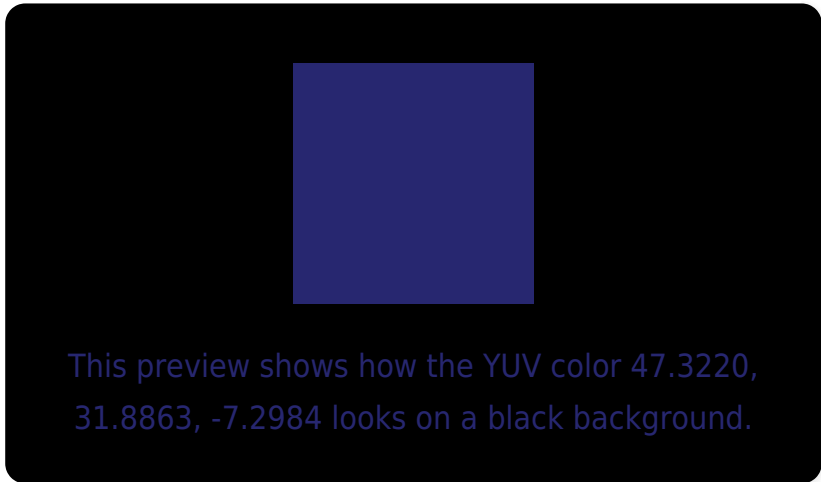
Large Text (above 18pt) WCAG AA ✓ Pass

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

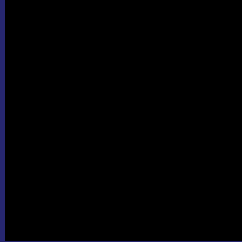
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.3220, 31.8863, -7.2984

Background



This preview shows how black text looks on a background with the YUV color 47.3220, 31.8863, -7.2984.



This preview shows how white text looks on a background with the YUV color 47.3220, 31.8863,

-7.2984.

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

47.3220, 31.8863, -7.2984

Protanopia

38.9890, 30.0784, -34.1934

Deuteranopia

39.7410, 22.8057, -34.8529



Tritanopia

39.0110, 9.8546, -34.2126

Trichromacy



Original Color

47.3220, 31.8863, -7.2984

Protanomaly

41.8700, 30.6301, -24.4420

Deuteranomaly

42.6050, 25.8307, -25.0866

Tritanomaly

41.8410, 17.8264, -24.4166

Monochromacy



Original Color

47.3220, 31.8863, -7.2984

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0780, 11.7935, -2.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.3220, 31.8863, -7.2984 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, 39, 112)` looks like.

```
.text, #text, p{  
    color:rgb(39, 39, 112)  
}
```

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, 39, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 39, 112) }
```

Border

The CSS property to change the border of an element to YUV 47.3220, 31.8863, -7.2984 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, 39, 112) }
```


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

```
.border{ border-color:rgb(39, 39, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 39, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 39, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 39, 112);  
box-shadow:4px 4px 4px 4px rgb(39, 39,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 47.3220, 31.8863, -7.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 39, 112) }
```

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

```
.background{ background-color: rgb(39, 39,  
112) }
```

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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