

Converting Colors

YUV(42.3320, 16.5983, -3.7992)

Have a look what the booklet for
YUV(42.3320, 16.5983, -3.7992)
contains.

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Color

**YUV(42.3320, 16.5983,
-3.7992)**

Conversions

Conversions Part 1

Format	Color
Hex	26264C
RGB	38, 38, 76
RGB Percent	15%, 15%, 30%
CMY	0.8510, 0.8510, 0.7020
CMYK	0.50, 0.50, 0.00, 0.70
HSL	240°, 33%, 22%
HSV	240°, 50%, 30%
XYZ	2.7969, 2.3201, 7.1379
YIQ	42.3320, -12.1980, 11.8180

Conversions

Conversions Part 2

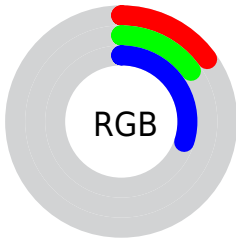
Format	Color
RYB	38, 38, 76
Decimal	2500172
CIELab	17.08, 11.76, -23.60
CIELCh	17, 26.368, 296.487
Yxy	2.3201, 0.2282, 0.1893
Android (android.graphics.Color)	4280690252 (0xFF26264C)
YUV	42.3320, 16.5983, -3.7992
Hunter-Lab	15.2319, 6.1213, -17.1219

Details

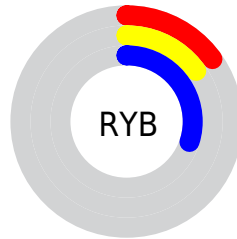
The YUV color **42.3320, 16.5983, -3.7992** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **71.6680, -16.5983, 3.7992**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.6850, 17.9033, -2.3547**, and **4.8220, 13.3988, -4.2289** is the 20% darker color. If you saturate the color by 10%, you get **35.2440, 20.0927, -4.5990**, and if you desaturate by 10%, it is **49.4200, 13.1039, -2.9993**.

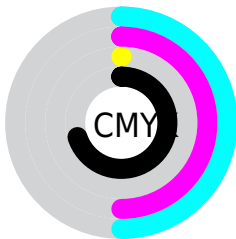
Distribution



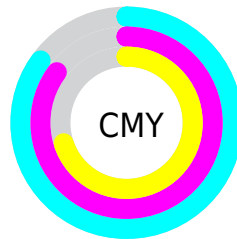
- Red (15%)
- Green (15%)
- Blue (30%)



- Red (15%)
- Yellow (15%)
- Blue (30%)



- Cyan (50%)
- Magenta (50%)
- Yellow (0%)
- Black (70%)



- Cyan (85%)
- Magenta (85%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.3320, 16.5983, -3.7992 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 42.3320, 16.5983, -3.7992 by changing the saturation by 10% instead.

■ 42.3320, 16.5983,
-3.7992

■ 42.3320, 16.5983,
-3.7992

■ 255.0000, 0.0000,
0.0000

■ 21.0930, 15.7302,
-5.3436

■ 88.6850, 17.9033,
-2.3547

■ 4.8220, 13.3988,
-4.2289

■ 113.2120, 18.6295,
-1.9399

■ 0.3420, 1.3104,
-0.2999

■ 138.4400, 19.5031,
-2.1399

■ 0.0000, 0.0000,
0.0000

■ 164.9670, 20.2293,
-1.7251

■ 192.3800, 20.5187,
-1.2103

■ 219.5820, 17.4611,

-0.5104

244.3900, 5.2307,
2.2890

42.3320, 16.5983,
-3.7992

42.3320, 16.5983,
-3.7992

35.2440, 20.0927,
-4.5990

49.4200, 13.1039,
-2.9993

29.0420, 23.1503,
-5.2988

55.6220, 10.0464,
-2.2995

21.9540, 26.6447,
-6.0987

62.7100, 6.5520,
-1.4997

15.7520, 29.7023,
-6.7985

68.9120, 3.4944,
-0.7998

8.6640, 33.1966,
-7.5983

76.0000, 0.0000,
0.0000

■ 83.0880, -3.4944,
0.7998

■ 89.2900, -6.5520,
1.4997

■ 96.3780, -10.0464,
2.2995

■ 102.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



35.5350, 21.9212, -31.1642



42.3320, 16.5983, -3.7992



43.6290, 9.5499, 16.9884

Triad

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



42.3320, 16.5983, -3.7992



40.6150, -16.0792, 24.0166



34.3830, 2.2762, -30.1539

Complementary

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



42.3320, 16.5983, -3.7992



71.6680, -16.5983, 3.7992

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.



33.4350, -6.6235, -22.3065



42.3320, 16.5983, -3.7992



39.6260, -19.5356, 12.6060

Square

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



42.3320, 16.5983, -3.7992



40.6510, -7.2229, 30.1241



37.9940, -17.7450, -1.7487



36.5490, 10.5753, -32.0535

Rectangle

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



42.3320, 16.5983, -3.7992



42.0170, 4.4286, 26.2951



37.9940, -17.7450, -1.7487



33.1120, -0.0552, -29.0392

Sweetspot

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



42.3320, 16.5983, -3.7992



86.5960, 6.1152, -1.3997



64.6380, 5.6015, -23.3615



43.0260, 3.9312, -0.8998



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



42.3320, 16.5983, -3.7992



46.7260, 25.7711, -5.8987



48.0130, 13.7976, 7.8816



34.4560, 1.7472, -0.3999



11.6280, 44.5534, -10.1978



26.2200, 100.4635, -22.9949

Inverse Universe

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



53.6940, 10.9969, 19.5624



64.3670, 17.0741, 30.3731



65.9870, -13.7976, -7.8816



35.6520, 1.1576, 2.0592



42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 42.3320, 16.5983, -3.7992 looks on a white background.

Color Contrast Check

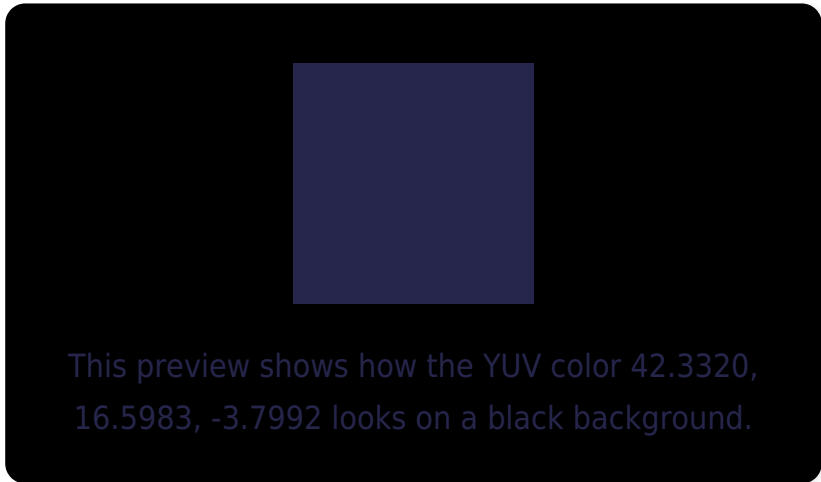
Large Text (above 18pt) WCAG AA ✓ Pass

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

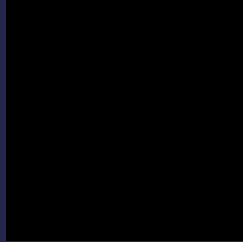
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.3320, 16.5983, -3.7992

Background



This preview shows how black text looks on a background with the YUV color 42.3320, 16.5983, -3.7992.



This preview shows how white text looks on a background with the YUV color 42.3320, 16.5983,

-3.7992.

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

42.3320, 16.5983, -3.7992

Protanopia

39.6510, 19.3991, -15.4799

Deuteranopia

37.3790, 18.5472, -22.2574



Tritanopia

40.5580, 3.6689, -10.1364

Trichromacy



Original Color

42.3320, 16.5983, -3.7992

Protanomaly

40.7440, 18.3672, -11.1765

Deuteranomaly

38.8960, 17.7993, -15.6948

Tritanomaly

40.8340, 8.4628, -7.7474

Monochromacy



Original Color

42.3320, 16.5983, -3.7992

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.4820, 5.6784, -1.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.3320, 16.5983, -3.7992 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(38, 38, 76)` looks like.

```
.text, #text, p{  
  color:rgb(38, 38, 76)  
}
```

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(38, 38, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 38, 76) }
```

Border

The CSS property to change the border of an element to YUV 42.3320, 16.5983, -3.7992 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(38, 38, 76) }
```


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

```
.border{ border-color:rgb(38, 38, 76) }
```

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

Here you see how a box with a 4 pixel rgb(38, 38, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 38, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 38, 76);  
box-shadow:4px 4px 4px 4px rgb(38, 38, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.3320, 16.5983, -3.7992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 38, 76) }
```

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

```
.background{ background-color: rgb(38, 38,  
76) }
```

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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