

Converting Colors

YUV(47.9270, 57.7170,
-32.3850)

Have a look what the booklet for
YUV(47.9270, 57.7170, -32.3850)
contains.

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Color

**YUV(47.9270, 57.7170,
-32.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	0B2CA5
RGB	11, 44, 165
RGB Percent	4%, 17%, 65%
CMY	0.9569, 0.8275, 0.3529
CMYK	0.93, 0.73, 0.00, 0.35
HSL	227°, 88%, 35%
HSV	227°, 93%, 65%
XYZ	7.8302, 4.5891, 36.0704
YIQ	47.9270, -58.5090, 30.6350

Conversions

Conversions Part 2

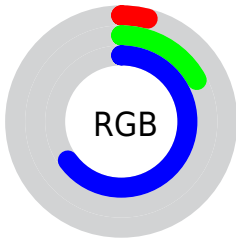
Format	Color
R_{YB}	11, 38, 165
Decimal	732325
CIE _{Lab}	25.53, 38.55, -66.78
CIE _{LCh}	26, 77.110, 299.996
Yxy	4.5891, 0.1615, 0.0946
Android (android.graphics.Color)	4278922405 (0xFF0B2CA5)
YUV	47.9270, 57.7170, -32.3850
Hunter-Lab	21.4222, 27.7561, -84.8359

Details

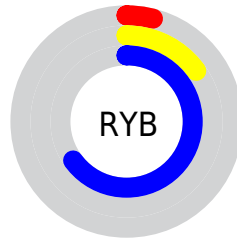
The YUV color **47.9270, 57.7170, -32.3850** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **128.0730, -57.7170, 32.3850**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.1300, 56.6309, -10.6380**, and **15.1160, 47.7638, -13.2567** is the 20% darker color. If you saturate the color by 10%, you get **39.3550, 61.9430, -34.5143**, and if you desaturate by 10%, it is **60.6410, 51.4490, -28.6262**.

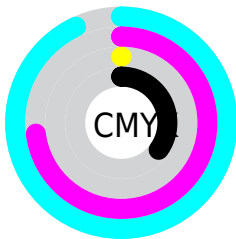
Distribution



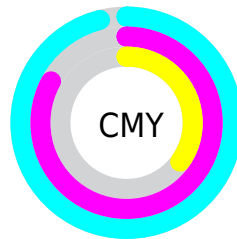
- Red (4%)
- Green (17%)
- Blue (65%)



- Red (4%)
- Yellow (15%)
- Blue (65%)



- Cyan (93%)
- Magenta (73%)
- Yellow (0%)
- Black (35%)



- Cyan (96%)
- Magenta (83%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9270, 57.7170, -32.3850 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 47.9270, 57.7170, -32.3850 by changing the saturation by 10% instead.

■ 47.9270, 57.7170,
-32.3850

■ 47.9270, 57.7170,
-32.3850

■ 255.0000, 0.0000,
0.0000

■ 29.2330, 53.6221,
-25.6373

■ 106.1300, 56.6309,
-10.6380

■ 15.1160, 47.7638,
-13.2567

■ 133.0810, 57.6411,
-7.9640

■ 9.8040, 37.5646,
-8.5981

■ 157.8830, 47.8787,
-3.4054

■ 10.5900, 25.3451,
-9.2874

■ 182.1150, 35.9323,
1.6531

■ 6.2070, 16.1669,
-5.4435

■ 206.9340, 23.6965,
6.1969

■ 2.5250, 7.1362,
-2.2144

■ 232.3400, 11.1714,

■ 0.0000, 0.0000,

10.2258

0.0000

252.6520, 1.1576,
2.0592

47.9270, 57.7170,
-32.3850

47.9270, 57.7170,
-32.3850

39.3550, 61.9430,
-34.5143

60.6410, 51.4490,
-28.6262

73.0560, 45.3284,
-25.4821

85.7700, 39.0604,
-21.7233

98.1850, 32.9398,
-18.5792

110.6000, 26.8192,
-15.4352

■ 123.3140, 20.5512,
-11.6764

■ 135.7290, 14.4306,
-8.5323

■ 148.4430, 8.1626,
-4.7735

■ 160.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



62.4250, 58.9505, -54.7467



47.9270, 57.7170, -32.3850



51.0550, 33.9899, 64.8498

Triad

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



47.9270, 57.7170, -32.3850



50.8430, -25.0656, 59.7737



53.6860, 2.6198, -47.0826

Complementary

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



47.9270, 57.7170, -32.3850



128.0730, -57.7170, 32.3850

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.



45.7860, -22.5725, -40.1543



47.9270, 57.7170, -32.3850



57.0580, -28.1296, 15.7351

Square

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



47.9270, 57.7170, -32.3850



44.2950, -20.3584, 90.0723



42.2640, -20.8362, -37.0655



61.1130, 28.5383, -53.5961

Rectangle

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



47.9270, 57.7170, -32.3850



53.7140, 14.4380, 82.6888



42.2640, -20.8362, -37.0655



50.7050, -6.2636, -44.4683

Sweetspot

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



47.9270, 57.7170, -32.3850



168.4710, 22.4458, -12.6911



115.1920, 8.2863, -91.3764



79.2130, 13.6990, -7.2028



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



47.9270, 57.7170, -32.3850



51.3980, 80.1628, -45.0760



41.7120, 60.7810, 11.6536



75.2000, 3.3524, -1.9294



34.7270, 54.3646, -30.4556



4.4000, 6.7048, -3.8588

Inverse Universe

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



60.8080, -8.2863, 91.3764



69.2300, -11.4524, 126.9633



134.2880, -60.7810, -11.6536



75.9190, -0.4531, 5.3330



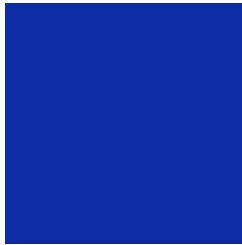
46.8890, -7.8333, 86.0433



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 47.9270, 57.7170, -32.3850 looks on a white background.

Color Contrast Check

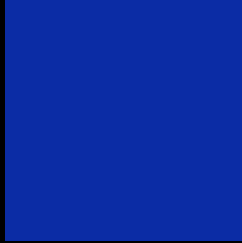
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 47.9270, 57.7170, -32.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

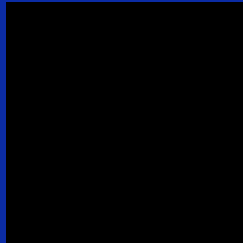
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.9270, 57.7170, -32.3850

Background



This preview shows how black text looks on a background with the YUV color 47.9270, 57.7170, -32.3850.



This preview shows how white text looks on a background with the YUV color 47.9270, 57.7170,

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

47.9270, 57.7170, -32.3850

Protanopia

48.7690, 37.0889, -42.7704

Deuteranopia

48.9510, 27.6322, -42.9300



Tritanopia

48.0100, 11.3341, -42.1048

Trichromacy



Original Color

47.9270, 57.7170, -32.3850

Protanomaly

48.7400, 44.4982, -39.2370

Deuteranomaly

48.5460, 38.6778, -39.0668

Tritanomaly

47.7990, 28.2001, -38.4117

Monochromacy



Original Color

47.9270, 57.7170, -32.3850

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.4280, 20.9880, -11.7764

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9270, 57.7170, -32.3850 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(11, 44, 165)` looks like.

```
.text, #text, p{  
    color:rgb(11, 44, 165)  
}
```

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(11, 44, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 44, 165) }
```

Border

The CSS property to change the border of an element to YUV 47.9270, 57.7170, -32.3850 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(11, 44, 165) }
```


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

```
.border{ border-color:rgb(11, 44, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 44, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 44, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 44, 165);  
box-shadow:4px 4px 4px 4px rgb(11, 44,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 47.9270, 57.7170, -32.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 44, 165) }
```

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

```
.background{ background-color: rgb(11, 44,  
165) }
```

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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