

Converting Colors

YUV(64.9470, 47.3541,
-21.8785)

Have a look what the booklet for
YUV(64.9470, 47.3541, -21.8785)
contains.

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Color

**YUV(64.9470, 47.3541,
-21.8785)**

Conversions

Conversions Part 1

Format	Color
Hex	283BA1
RGB	40, 59, 161
RGB Percent	16%, 23%, 63%
CMY	0.8431, 0.7686, 0.3686
CMYK	0.75, 0.63, 0.00, 0.37
HSL	231°, 60%, 39%
HSV	231°, 75%, 63%
XYZ	8.8721, 6.1523, 34.4381
YIQ	64.9470, -44.0660, 27.6940

Conversions

Conversions Part 2

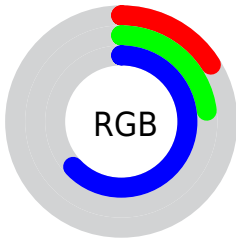
Format	Color
R_{YB}	40, 56, 161
Decimal	2636705
CIE _{Lab}	29.79, 29.43, -57.31
CIE _{LCh}	30, 64.425, 297.178
Yxy	6.1523, 0.1794, 0.1244
Android (android.graphics.Color)	4280826785 (0xFF283BA1)
YUV	64.9470, 47.3541, -21.8785
Hunter-Lab	24.8037, 20.4412, -64.9570

Details

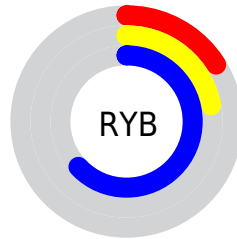
The YUV color **64.9470, 47.3541, -21.8785** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **136.0530, -47.3541, 21.8785**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0560, 48.7794, -12.3271**, and **22.8780, 41.9651, -20.0640** is the 20% darker color. If you saturate the color by 10%, you get **51.9450, 53.7641, -24.5078**, and if you desaturate by 10%, it is **77.9490, 40.9441, -19.2493**.

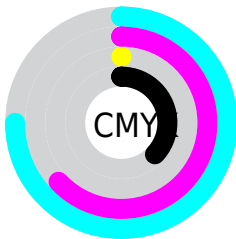
Distribution



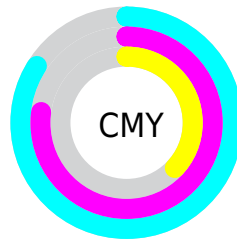
- Red (16%)
- Green (23%)
- Blue (63%)



- Red (16%)
- Yellow (22%)
- Blue (63%)



- Cyan (75%)
- Magenta (63%)
- Yellow (0%)
- Black (37%)



- Cyan (84%)
- Magenta (77%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.9470, 47.3541, -21.8785 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 64.9470, 47.3541, -21.8785 by changing the saturation by 10% instead.

■ 64.9470, 47.3541,
-21.8785

■ 64.9470, 47.3541,
-21.8785

■ 255.0000, 0.0000,
0.0000

■ 37.5820, 47.5341,
-32.9594

■ 118.0560, 48.7794,
-12.3271

■ 22.8780, 41.9651,
-20.0640

■ 144.7080, 49.9370,
-10.2679

■ 9.4620, 36.2542,
-8.2982

■ 169.6670, 42.0692,
-6.7240

■ 10.2480, 24.0347,
-8.9875

■ 194.1870, 29.9808,
-2.7950

■ 5.2780, 15.1459,
-4.6288

■ 219.2940, 17.6031,
0.6192

■ 2.0690, 5.3890,
-1.8145

■ 244.7000, 5.0779,

■ 0.0000, 0.0000,

4.6481

0.0000

■ 64.9470, 47.3541,
-21.8785

■ 64.9470, 47.3541,
-21.8785

■ 51.9450, 53.7641,
-24.5078

■ 77.9490, 40.9441,
-19.2493

■ 39.5300, 59.8847,
-27.6518

■ 90.3640, 34.8235,
-16.1052

■ 33.0290, 63.0897,
-28.9664

■ 103.3660, 28.4136,
-13.4760

■ 115.7810, 22.2930,
-10.3319

■ 129.0820, 15.7356,
-7.0879

■ 141.4970, 9.6150,
-3.9439

■ 154.4990, 3.2050,
-1.3146

■ 167.5010, -3.2050,
1.3146

■ 179.9160, -9.3256,
4.4587

Harmonies

Analogous

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



65.9810, 52.2674, -57.8653



64.9470, 47.3541, -21.8785



62.1800, 30.9703, 53.3391

Triad

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



64.9470, 47.3541, -21.8785



62.9260, -31.0225, 57.0699



59.5390, 2.1993, -52.2157

Complementary

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



64.9470, 47.3541, -21.8785



136.0530, -47.3541, 21.8785

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.



51.4110, -23.8666, -45.0874



64.9470, 47.3541, -21.8785



66.5380, -32.8032, 21.4532

Square

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



64.9470, 47.3541, -21.8785



48.0420, -9.8807, 89.4172



59.2190, -29.1950, -15.9781



65.9400, 24.1866, -57.8294

Rectangle

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



64.9470, 47.3541, -21.8785



54.0710, 19.6850, 79.7447



59.2190, -29.1950, -15.9781



57.4870, -5.6631, -50.4161

Sweetspot

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



64.9470, 47.3541, -21.8785



171.1680, 18.6512, -8.9173



122.5410, 9.1003, -72.3885



81.3550, 11.6570, -5.5733



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



64.9470, 47.3541, -21.8785



59.4550, 73.7257, -33.7250



65.7540, 46.9563, 12.4937



75.2000, 3.3524, -1.9294



30.0310, 56.6797, -26.3372



3.8130, 6.9942, -3.3440

Inverse Universe

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



78.3450, -9.5371, 72.4884



80.5180, -15.0454, 112.6787



135.2460, -46.9563, -12.4937



75.9190, -0.4531, 5.3330



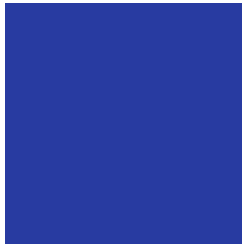
45.9770, -11.3277, 86.8432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 64.9470, 47.3541, -21.8785 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 64.9470, 47.3541, -21.8785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

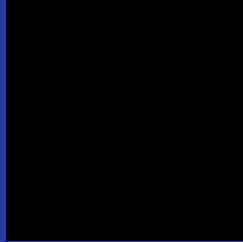
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.9470, 47.3541, -21.8785

Background



This preview shows how black text looks on a background with the YUV color 64.9470, 47.3541, -21.8785.



This preview shows how white text looks on a background with the YUV color 64.9470, 47.3541, -21.8785.

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

64.9470, 47.3541, -21.8785

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.1720, 32.4532, -49.2628



Tritanopia

55.2480, 13.6817, -48.4525

Trichromacy



Original Color

64.9470, 47.3541, -21.8785

Protanomaly

59.7400, 44.4982, -39.2370

Deuteranomaly

59.3180, 37.8042, -38.8669

Tritanomaly

58.8160, 25.7267, -38.4266

Monochromacy



Original Color

64.9470, 47.3541, -21.8785

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1250, 17.1934, -8.0026

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9470, 47.3541, -21.8785 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, 59, 161)` looks like.

```
.text, #text, p{  
    color:rgb(40, 59, 161)  
}
```

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, 59, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 59, 161) }
```

Border

The CSS property to change the border of an element to YUV 64.9470, 47.3541, -21.8785 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, 59, 161) }
```


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

```
.border{ border-color:rgb(40, 59, 161) }
```

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

Here you see how a box with a 4 pixel rgb(40, 59, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 59, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 59, 161);  
box-shadow:4px 4px 4px 4px rgb(40, 59,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 64.9470, 47.3541, -21.8785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 59, 161) }
```

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

```
.background{ background-color: rgb(40, 59,  
161) }
```

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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