

Converting Colors

YUV(71.9500, 56.2267,
-21.0041)

Have a look what the booklet for
YUV(71.9500, 56.2267, -21.0041)
contains.

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Color

**YUV(71.9500, 56.2267,
-21.0041)**

Conversions

Conversions Part 1

Format	Color
Hex	303EBA
RGB	48, 62, 186
RGB Percent	19%, 24%, 73%
CMY	0.8118, 0.7569, 0.2706
CMYK	0.74, 0.67, 0.00, 0.27
HSL	234°, 59%, 46%
HSV	234°, 74%, 73%
XYZ	11.8045, 7.6188, 47.3028
YIQ	71.9500, -48.1480, 35.5960

Conversions

Conversions Part 2

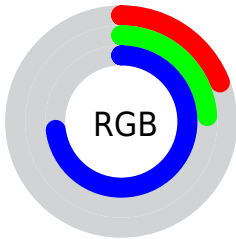
Format	Color
R_{YB}	48, 61, 186
Decimal	3161786
CIE _{Lab}	33.18, 37.50, -66.69
CIE _{LCh}	33, 76.507, 299.348
Yxy	7.6188, 0.1769, 0.1142
Android (android.graphics.Color)	4281351866 (0xFF303EBA)
YUV	71.9500, 56.2267, -21.0041
Hunter-Lab	27.6022, 28.0344, -82.2858

Details

The YUV color **71.9500, 56.2267, -21.0041** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **162.0500, -56.2267, 21.0041**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3580, 57.5045, -10.8380**, and **26.7880, 51.8695, -23.4931** is the 20% darker color. If you saturate the color by 10%, you get **56.2900, 63.9470, -23.9333**, and if you desaturate by 10%, it is **87.6100, 48.5063, -18.0750**.

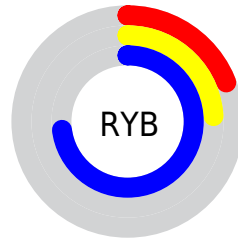
Distribution



Red (19%)

Green (24%)

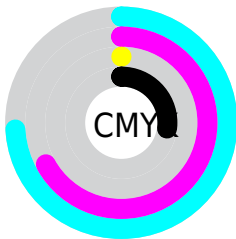
Blue (73%)



Red (19%)

Yellow (24%)

Blue (73%)

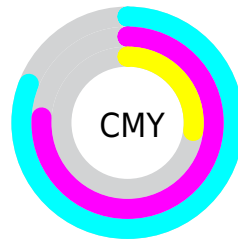


Cyan (74%)

Magenta (67%)

Yellow (0%)

Black (27%)



Cyan (81%)

Magenta (76%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9500, 56.2267, -21.0041 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 71.9500, 56.2267, -21.0041 by changing the saturation by 10% instead.

■ 71.9500, 56.2267,
-21.0041

■ 71.9500, 56.2267,
-21.0041

■ 255.0000, 0.0000,
0.0000

■ 41.4920, 57.4384,
-36.3885

■ 126.3580, 57.5045,
-10.8380

■ 26.7880, 51.8695,
-23.4931

■ 151.3710, 51.0891,
-6.4644

■ 12.0840, 46.3006,
-10.5977

■ 176.1900, 38.8533,
-1.9206

■ 11.4680, 33.7863,
-10.0574

■ 201.0090, 26.6176,
2.6231

■ 9.3190, 23.0137,
-8.1728

■ 226.4150, 14.0924,
6.6520

■ 5.0500, 14.2723,
-4.4289

■ 249.1300, 2.8939,

■ 0.9120, 3.4944,

5.1480

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 71.9500, 56.2267,
-21.0041

■ 71.9500, 56.2267,
-21.0041

■ 56.2900, 63.9470,
-23.9333

■ 87.6100, 48.5063,
-18.0750

■ 41.5160, 71.2306,
-26.7625

■ 102.3840, 41.2227,
-15.2458

■ 32.3570, 75.7460,
-28.3771

■ 118.0440, 33.5023,
-12.3166

■ 133.4050, 25.9293,
-10.0022

■ 149.0650, 18.2090,
-7.0730

■ 164.1380, 10.7780,
-3.6290

■ 179.4990, 3.2050,
-1.3146

■ 195.1590, -4.5154,
1.6146

■ 209.9330,
-11.7990, 4.4438

Harmonies

Analogous

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



74.6840, 62.7668, -65.4979



71.9500, 56.2267, -21.0041



59.4290, 40.2145, 75.0458

Triad

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



71.9500, 56.2267, -21.0041



68.8730, -33.9544, 64.1324



67.2500, 3.8207, -58.9783

Complementary

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



71.9500, 56.2267, -21.0041



162.0500, -56.2267, 21.0041

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.



56.9390, -28.0709, -49.9355



71.9500, 56.2267, -21.0041



73.6150, -36.2922, 20.5086

Square

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



71.9500, 56.2267, -21.0041



53.7510, -15.1602, 102.8274



62.6860, -30.9042, -27.7886



74.9050, 30.6128, -65.6917

Rectangle

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



71.9500, 56.2267, -21.0041



62.4580, 19.4942, 94.3143



62.6860, -30.9042, -27.7886



64.2690, -5.0626, -56.3639

Sweetspot

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



71.9500, 56.2267, -21.0041



197.9770, 21.7033, -7.8728



142.9140, 13.3534, -83.2396



96.2950, 12.6726, -4.6437



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



71.9500, 56.2267, -21.0041



64.4240, 87.5450, -32.8208



79.5790, 52.4656, 18.7862



84.6130, 3.6418, -1.4146



27.1760, 63.5102, -23.8334



4.9530, 11.3622, -4.3438

Inverse Universe

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



90.8580, -14.2270, 83.4395



93.7930, -22.0829, 129.9775



154.4210, -52.4656, -18.7862



85.8050, -0.8899, 5.4330



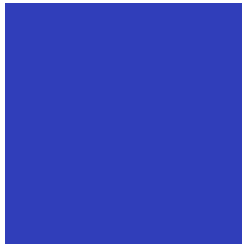
48.4680, -16.0067, 94.3056



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 71.9500, 56.2267, -21.0041 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 71.9500, 56.2267, -21.0041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

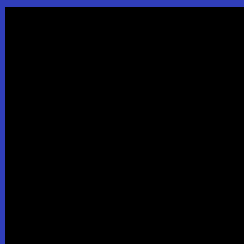
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9500, 56.2267, -21.0041

Background



This preview shows how black text looks on a background with the YUV color 71.9500, 56.2267, -21.0041.



This preview shows how white text looks on a background with the YUV color 71.9500, 56.2267, -21.0041.

-21.0041.

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

71.9500, 56.2267, -21.0041

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

62.3500, 35.8165, -54.6809



Tritanopia

60.9700, 15.2978, -53.4707

Trichromacy



Original Color

71.9500, 56.2267, -21.0041

Protanomaly

65.3250, 50.6188, -42.3810

Deuteranomaly

65.4900, 43.6354, -42.5257

Tritanomaly

64.6460, 30.2475, -41.7855

Monochromacy



Original Color

71.9500, 56.2267, -21.0041

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.6350, 20.3929, -7.5729

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9500, 56.2267, -21.0041 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(48, 62, 186)` looks like.

```
.text, #text, p{  
    color:rgb(48, 62, 186)  
}
```

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(48, 62, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 62, 186) }
```

Border

The CSS property to change the border of an element to YUV 71.9500, 56.2267, -21.0041 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(48, 62, 186) }
```


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

```
.border{ border-color:rgb(48, 62, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 62, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 62, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 62, 186);  
box-shadow:4px 4px 4px 4px rgb(48, 62,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 71.9500, 56.2267, -21.0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 62, 186) }
```

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

```
.background{ background-color: rgb(48, 62,  
186) }
```

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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