

Converting Colors

YUV(71.9320, 43.4175,
-19.2344)

Have a look what the booklet for
YUV(71.9320, 43.4175, -19.2344)
contains.

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Color

**YUV(71.9320, 43.4175,
-19.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	3242A0
RGB	50, 66, 160
RGB Percent	20%, 26%, 63%
CMY	0.8039, 0.7412, 0.3725
CMYK	0.69, 0.59, 0.00, 0.37
HSL	231°, 52%, 41%
HSV	231°, 69%, 63%
XYZ	9.6088, 7.1126, 34.1241
YIQ	71.9320, -39.7100, 25.8420

Conversions

Conversions Part 2

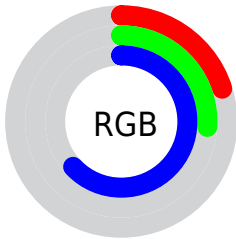
Format	Color
R_{YB}	50, 64, 160
Decimal	3293856
CIE _{Lab}	32.06, 25.76, -52.99
CIE _{LCh}	32, 58.916, 295.928
Yxy	7.1126, 0.1890, 0.1399
Android (android.graphics.Color)	4281483936 (0xFF3242A0)
YUV	71.9320, 43.4175, -19.2344
Hunter-Lab	26.6695, 17.6404, -57.1942

Details

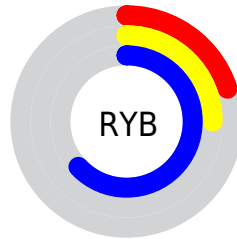
The YUV color **71.9320, 43.4175, -19.2344** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **138.0680, -43.4175, 19.2344**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4320, 45.1430, -12.6569**, and **26.2860, 39.7920, -23.0528** is the 20% darker color. If you saturate the color by 10%, you get **58.9300, 49.8275, -21.8636**, and if you desaturate by 10%, it is **84.9340, 37.0075, -16.6051**.

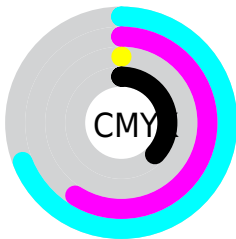
Distribution



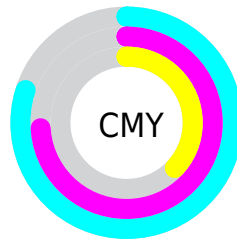
- Red (20%)
- Green (26%)
- Blue (63%)



- Red (20%)
- Yellow (25%)
- Blue (63%)



- Cyan (69%)
- Magenta (59%)
- Yellow (0%)
- Black (37%)



- Cyan (80%)
- Magenta (74%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9320, 43.4175, -19.2344 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 71.9320, 43.4175, -19.2344 by changing the saturation by 10% instead.

■ 71.9320, 43.4175,
-19.2344

■ 71.9320, 43.4175,
-19.2344

■ 255.0000, 0.0000,
0.0000

■ 41.8870, 44.9187,
-34.1039

■ 124.4320, 45.1430,
-12.6569

■ 26.2860, 39.7920,
-23.0528

■ 150.6710, 46.0112,
-11.1125

■ 9.4620, 36.2542,
-8.2982

■ 175.8580, 39.0170,
-7.7685

■ 10.2480, 24.0347,
-8.9875

■ 200.9650, 26.6393,
-4.3543

■ 5.2780, 15.1459,
-4.6288

■ 225.4850, 14.5509,
-0.4253

■ 1.3680, 5.2416,
-1.1997

■ 251.4780, 1.7363,

■ 0.0000, 0.0000,

3.0888

0.0000

■ 71.9320, 43.4175,
-19.2344

■ 71.9320, 43.4175,
-19.2344

■ 58.9300, 49.8275,
-21.8636

■ 84.9340, 37.0075,
-16.6051

■ 46.5150, 55.9481,
-25.0077

■ 97.3490, 30.8869,
-13.4611

■ 33.5130, 62.3581,
-27.6369

■ 110.3510, 24.4770,
-10.8318

■ 31.7410, 63.2317,
-27.8369

■ 123.3530, 18.0670,
-8.2026

■ 135.7680, 11.9464,
-5.0585

■ 148.7700, 5.5364,
-2.4293

■ 161.7720, -0.8736,
0.2000

■ 174.1870, -6.9942,
3.3440

■ 187.1890,
-13.4042, 5.9732

Harmonies

Analogous

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



68.5740, 49.5100, -60.1394



71.9320, 43.4175, -19.2344



73.0880, 27.0716, 43.7728

Triad

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



71.9320, 43.4175, -19.2344



68.8180, -33.9273, 55.4106



62.8160, 2.0627, -55.0896

Complementary

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



71.9320, 43.4175, -19.2344



138.0680, -43.4175, 19.2344

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.



55.2410, -19.3458, -48.4464



71.9320, 43.4175, -19.2344



70.9790, -34.9926, 23.6974

Square

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



71.9320, 43.4175, -19.2344



58.5850, -10.1484, 81.9250



65.4540, -32.2688, -10.0452



68.8750, 22.7396, -60.4034

Rectangle

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



71.9320, 43.4175, -19.2344



59.3370, 19.5539, 75.1265



65.4540, -32.2688, -10.0452



60.4050, -4.6367, -52.9752

Sweetspot

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



71.9320, 43.4175, -19.2344



174.1250, 17.1934, -8.0026



125.1720, 8.7892, -65.9258



83.4260, 10.6360, -4.7586



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.



71.9320, 43.4175, -19.2344



70.3970, 68.3313, -30.1662



73.9020, 42.4463, 12.3639



72.4990, 3.2050, -1.3146



28.6290, 56.3849, -25.1076



2.8840, 5.9732, -2.5293

Inverse Universe

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



84.7140, -9.2260, 66.0258



90.5770, -14.5815, 103.8570



135.7990, -42.2989, -12.9787



73.5060, -0.7425, 4.8182



45.1510, -11.9064, 85.8136



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 71.9320, 43.4175, -19.2344 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 71.9320, 43.4175, -19.2344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

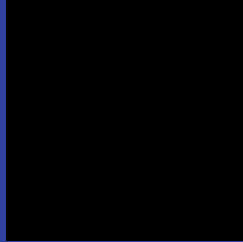
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9320, 43.4175, -19.2344

Background



This preview shows how black text looks on a background with the YUV color 71.9320, 43.4175, -19.2344.



This preview shows how white text looks on a background with the YUV color 71.9320, 43.4175,

-19.2344.

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

71.9320, 43.4175, -19.2344

Protanopia

59.8200, 46.4307, -52.4621

Deuteranopia

60.3610, 35.8110, -52.9366



Tritanopia

59.5680, 15.0030, -52.2411

Trichromacy



Original Color

71.9320, 43.4175, -19.2344

Protanomaly

64.2560, 45.2298, -40.5665

Deuteranomaly

64.5350, 38.6832, -40.8112

Tritanomaly

63.6910, 25.2953, -40.0710

Monochromacy



Original Color

71.9320, 43.4175, -19.2344

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0820, 15.7356, -7.0879

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9320, 43.4175, -19.2344 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(50, 66, 160)` looks like.

```
.text, #text, p{  
    color:rgb(50, 66, 160)  
}
```

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(50, 66, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 66, 160) }
```

Border

The CSS property to change the border of an element to YUV 71.9320, 43.4175, -19.2344 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(50, 66, 160) }
```


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

```
.border{ border-color:rgb(50, 66, 160) }
```

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

Here you see how a box with a 4 pixel rgb(50, 66, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 66, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 66, 160);  
box-shadow:4px 4px 4px 4px rgb(50, 66,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 71.9320, 43.4175, -19.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 66, 160) }
```

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

```
.background{ background-color: rgb(50, 66,  
160) }
```

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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