

Converting Colors

YUV(55.0580, 42.3694, -9.6979)

Have a look what the booklet for
YUV(55.0580, 42.3694, -9.6979)
contains.

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Color

**YUV(55.0580, 42.3694,
-9.6979)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2C8D
RGB	44, 44, 141
RGB Percent	17%, 17%, 55%
CMY	0.8275, 0.8275, 0.4471
CMYK	0.69, 0.69, 0.00, 0.45
HSL	240°, 52%, 36%
HSV	240°, 69%, 55%
XYZ	6.7471, 4.2599, 25.6659
YIQ	55.0580, -31.1370, 30.1670

Conversions

Conversions Part 2

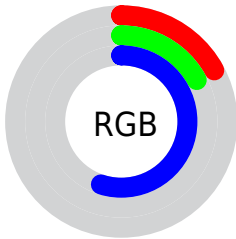
Format	Color
R_{YB}	44, 44, 141
Decimal	2894989
CIE _{Lab}	24.51, 32.40, -53.70
CIE _{LCh}	25, 62.716, 301.110
Yxy	4.2599, 0.1840, 0.1162
Android (android.graphics.Color)	4281085069 (0xFF2C2C8D)
YUV	55.0580, 42.3694, -9.6979
Hunter-Lab	20.6396, 22.2326, -59.2812

Details

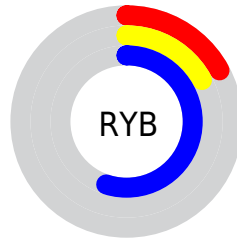
The YUV color **55.0580, 42.3694, -9.6979** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **129.9420, -42.3694, 9.6979**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.9710, 44.3843, -2.6056**, and **10.8470, 39.0224, -9.5128** is the 20% darker color. If you saturate the color by 10%, you get **42.6540, 48.4846, -11.0976**, and if you desaturate by 10%, it is **67.4620, 36.2542, -8.2982**.

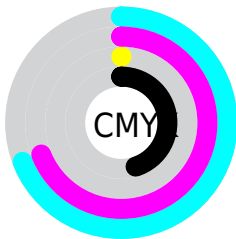
Distribution



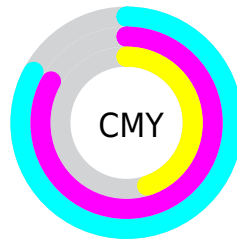
- Red (17%)
- Green (17%)
- Blue (55%)



- Red (17%)
- Yellow (17%)
- Blue (55%)



- Cyan (69%)
- Magenta (69%)
- Yellow (0%)
- Black (45%)



- Cyan (83%)
- Magenta (83%)
- Yellow (45%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.0580, 42.3694, -9.6979 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 55.0580, 42.3694, -9.6979 by changing the saturation by 10% instead.

■ 55.0580, 42.3694,
-9.6979

■ 55.0580, 42.3694,
-9.6979

■ 255.0000, 0.0000,
0.0000

■ 26.6110, 43.5758,
-23.3378

■ 105.9710, 44.3843,
-2.6056

■ 10.8470, 39.0224,
-9.5128

■ 132.2100, 45.2525,
-1.0612

■ 7.4100, 28.3919,
-6.4986

■ 159.1500, 46.2680,
-0.1316

■ 6.5490, 17.4773,
-5.7435

■ 183.3110, 35.3427,
4.1123

■ 2.8670, 8.4466,
-2.5144

■ 207.8310, 23.2543,
8.0412

■ 0.0000, 0.0000,
0.0000

■ 233.2370, 10.7292,

12.0702

252.6520, 1.1576,
2.0592

55.0580, 42.3694,
-9.6979

55.0580, 42.3694,
-9.6979

42.6540, 48.4846,
-11.0976

67.4620, 36.2542,
-8.2982

30.2500, 54.5998,
-12.4972

79.8660, 30.1391,
-6.8985

17.8460, 60.7149,
-13.8969

92.2700, 24.0239,
-5.4988

16.0740, 61.5885,
-14.0969

104.6740, 17.9087,
-4.0991

117.9640, 11.3567,
-2.5994

■ 130.3680, 5.2416,
-1.1997

■ 142.7720, -0.8736,
0.2000

■ 155.1760, -6.9888,
1.5996

■ 167.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



55.8250, 48.8933, -48.9585



55.0580, 42.3694, -9.6979



45.7570, 29.2068, 58.9721

Triad

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



55.0580, 42.3694, -9.6979



52.5380, -25.9012, 47.7632



51.3380, 3.7774, -45.0234

Complementary

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



55.0580, 42.3694, -9.6979



129.9420, -42.3694, 9.6979

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.



43.7800, -20.1045, -38.3951



55.0580, 42.3694, -9.6979



54.6880, -26.9612, 14.3056

Square

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



55.0580, 42.3694, -9.6979



40.2380, -13.9213, 78.7213



45.5860, -22.4739, -25.0699



56.8100, 24.7437, -49.8224

Rectangle

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



55.0580, 42.3694, -9.6979



47.6050, 13.0127, 73.1374



45.5860, -22.4739, -25.0699



48.8130, -3.3588, -42.8090

Sweetspot

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



55.0580, 42.3694, -9.6979



149.4460, 17.0351, -3.8991



111.9970, 14.2985, -59.6334



71.6220, 10.0464, -2.2995



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



55.0580, 42.3694, -9.6979



48.4420, 66.8301, -15.2966



69.7090, 35.1465, 20.4262



64.7980, 3.0576, -0.6998



15.3900, 58.9677, -13.4970



0.9120, 3.4944, -0.7998

Inverse Universe

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



84.0610, 28.0709, 49.9355



94.1890, 44.2768, 78.7642



115.5900, -35.2939, -19.8114



66.8910, 2.0257, 3.6036



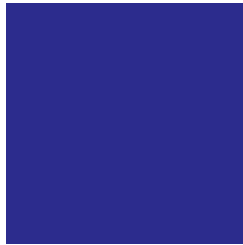
55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 55.0580, 42.3694, -9.6979 looks on a white background.

Color Contrast Check

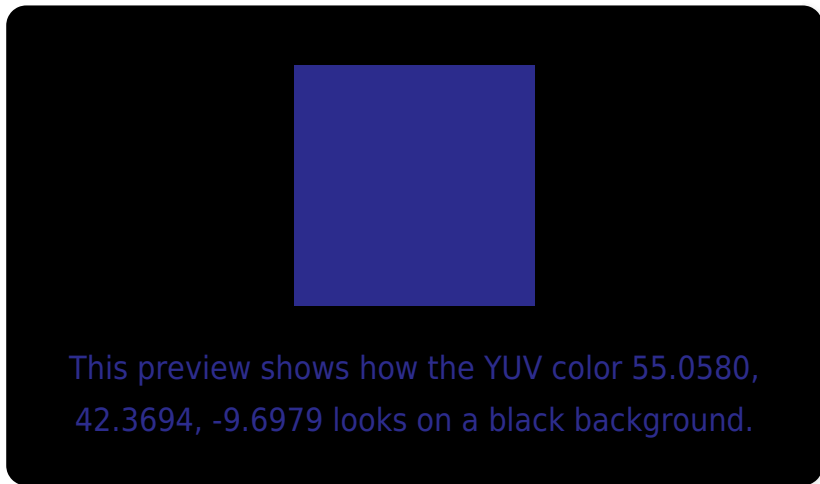
Large Text (above 18pt) WCAG AA ✓ Pass

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

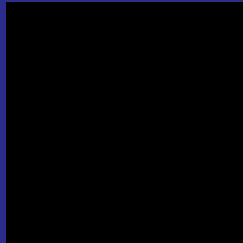
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.0580, 42.3694, -9.6979

Background



This preview shows how black text looks on a background with the YUV color 55.0580, 42.3694, -9.6979.



This preview shows how white text looks on a background with the YUV color 55.0580, 42.3694, -9.6979.

-9.6979.

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

55.0580, 42.3694, -9.6979

Protanopia

46.4380, 35.7731, -40.7261

Deuteranopia

46.8480, 27.1899, -41.0857



Tritanopia

46.0210, 11.3286, -40.3604

Trichromacy



Original Color

55.0580, 42.3694, -9.6979

Protanomaly

49.7860, 38.0665, -29.6303

Deuteranomaly

49.7060, 32.6829, -29.5602

Tritanomaly

49.0730, 22.6420, -29.0050

Monochromacy



Original Color

55.0580, 42.3694, -9.6979

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9900, 15.2879, -3.4992

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.0580, 42.3694, -9.6979 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(44, 44, 141)` looks like.

```
.text, #text, p{  
    color:rgb(44, 44, 141)  
}
```

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(44, 44, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 44, 141) }
```

Border

The CSS property to change the border of an element to YUV 55.0580, 42.3694, -9.6979 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(44, 44, 141) }
```


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

```
.border{ border-color:rgb(44, 44, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 44, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 44, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 44, 141);  
box-shadow:4px 4px 4px 4px rgb(44, 44,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 55.0580, 42.3694, -9.6979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 44, 141) }
```

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

```
.background{ background-color: rgb(44, 44,  
141) }
```

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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