

Converting Colors

YUV(53.8990, 56.7448,
-47.2694)

Have a look what the booklet for
YUV(53.8990, 56.7448, -47.2694)
contains.

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Color

**YUV(53.8990, 56.7448,
-47.2694)**

Conversions

Conversions Part 1

Format	Color
Hex	003BA9
RGB	0, 59, 169
RGB Percent	0%, 23%, 66%
CMY	1.0000, 0.7686, 0.3373
CMYK	1.00, 0.65, 0.00, 0.34
HSL	219°, 100%, 33%
HSV	219°, 100%, 66%
XYZ	8.7254, 5.9925, 38.2329
YIQ	53.8990, -70.4740, 21.7020

Conversions

Conversions Part 2

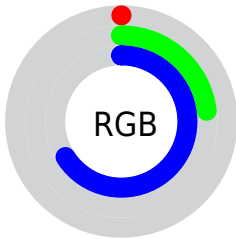
Format	Color
RYB	0, 44, 169
Decimal	15273
CIELab	29.39, 29.89, -62.83
CIELCh	29, 69.582, 295.443
Yxy	5.9925, 0.1648, 0.1132
Android (android.graphics.Color)	4278205353 (0xFF003BA9)
YUV	53.8990, 56.7448, -47.2694
Hunter-Lab	24.4796, 20.7845, -75.4651

Details

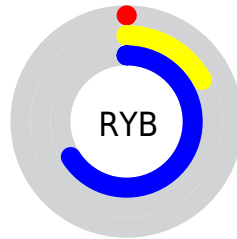
The YUV color **53.8990, 56.7448, -47.2694** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **115.1010, -56.7448, 47.2694**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.0810, 54.1901, -21.1190**, and **24.3770, 45.1701, -21.3786** is the 20% darker color. If you saturate the color by 10%, you get **53.8990, 56.7448, -47.2694**, and if you desaturate by 10%, it is **65.4390, 51.0556, -42.4810**.

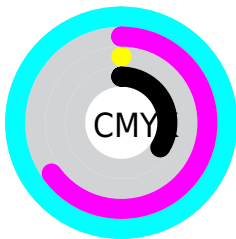
Distribution



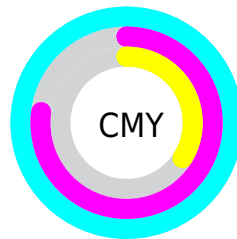
- Red (0%)
- Green (23%)
- Blue (66%)



- Red (0%)
- Yellow (17%)
- Blue (66%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (77%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.8990, 56.7448, -47.2694 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 53.8990, 56.7448, -47.2694 by changing the saturation by 10% instead.

■ 53.8990, 56.7448,
-47.2694

■ 53.8990, 56.7448,
-47.2694

■ 255.0000, 0.0000,
0.0000

■ 38.4940, 51.0285,
-33.7592

■ 115.0810, 54.1901,
-21.1190

■ 24.3770, 45.1701,
-21.3786

■ 142.0320, 55.2002,
-18.4451

■ 10.2600, 39.3118,
-8.9980

■ 166.3780, 43.6906,
-13.4865

■ 11.6330, 26.8029,
-10.2021

■ 191.1970, 31.4549,
-8.9428

■ 6.6630, 17.9141,
-5.8435

■ 216.0160, 19.2191,
-4.3990

■ 2.9810, 8.8834,
-2.6143

■ 242.0090, 6.4046,

■ 0.0000, 0.0000,

-0.8849

0.0000

■ 53.8990, 56.7448,
-47.2694

■ 65.4390, 51.0556,
-42.4810

■ 76.9790, 45.3664,
-37.6926

■ 88.5190, 39.6771,
-32.9042

■ 100.0590, 33.9879,
-28.1157

■ 111.3000, 28.4461,
-23.9421

■ 122.8400, 22.7569,
-19.1537

■ 134.3800, 17.0677,
-14.3653

■ 145.9200, 11.3784,
-9.5768

■ 157.4600, 5.6892,
-4.7884

Harmonies

Analogous

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



67.3660, 55.0356, -59.0800



53.8990, 56.7448, -47.2694



56.2220, 37.3586, 57.6873

Triad

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



53.8990, 56.7448, -47.2694



59.7140, -29.4390, 62.5178



58.9690, 0.0153, -51.7158

Complementary

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



53.8990, 56.7448, -47.2694



115.1010, -56.7448, 47.2694

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.



50.4820, -24.8876, -44.2727



53.8990, 56.7448, -47.2694



65.9620, -32.5193, 23.7123

Square

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



53.8990, 56.7448, -47.2694



49.5370, -10.6177, 92.4911



58.0340, -28.6108, -16.6928



65.9400, 24.1866, -57.8294

Rectangle

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



53.8990, 56.7448, -47.2694



55.4240, 20.9900, 81.1892



58.0340, -28.6108, -16.6928



56.2160, -7.9945, -49.3014

Sweetspot

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



53.8990, 56.7448, -47.2694



174.3240, 22.0253, -17.8241



111.7430, -0.8593, -97.9986



82.7780, 13.4204, -11.2063



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



53.8990, 56.7448, -47.2694



70.1650, 73.3757, -61.5347



26.7410, 70.1337, -1.5269



78.6730, 2.6262, -2.3442



47.3960, 49.5978, -41.5663



6.3890, 6.7102, -5.6032

Inverse Universe

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



57.2570, 0.8593, 97.9986



74.2590, 1.3513, 126.9379



142.2590, -70.1337, 1.5269



78.7340, 0.1311, 4.6183



50.1800, 0.8973, 85.7881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 53.8990, 56.7448, -47.2694 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 53.8990, 56.7448, -47.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

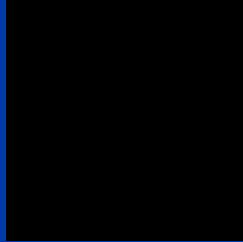
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.8990, 56.7448, -47.2694

Background



This preview shows how black text looks on a background with the YUV color 53.8990, 56.7448, -47.2694.



This preview shows how white text looks on a background with the YUV color 53.8990, 56.7448, -47.2694.

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

53.8990, 56.7448, -47.2694

Protanopia

55.5170, 42.6361, -48.6884

Deuteranopia

56.0580, 32.0164, -49.1629



Tritanopia

54.5470, 13.5343, -47.8377

Trichromacy



Original Color

53.8990, 56.7448, -47.2694

Protanomaly

54.8960, 47.8723, -48.1438

Deuteranomaly

55.0610, 40.8889, -48.2885

Tritanomaly

54.0860, 29.5376, -47.4334

Monochromacy



Original Color

53.8990, 56.7448, -47.2694

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9820, 20.7149, -17.5242

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.8990, 56.7448, -47.2694 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(0, 59, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 169)  
}
```

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(0, 59, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 169) }
```

Border

The CSS property to change the border of an element to YUV 53.8990, 56.7448, -47.2694 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(0, 59, 169) }
```


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

```
.border{ border-color:rgb(0, 59, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 59, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 59, 169)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.8990, 56.7448, -47.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 169) }
```

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

```
.background{ background-color: rgb(0, 59,  
169) }
```

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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