

Converting Colors

YUV(49.0430, 48.2928,
-43.0107)

Have a look what the booklet for
YUV(49.0430, 48.2928, -43.0107)
contains.

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Color

**YUV(49.0430, 48.2928,
-43.0107)**

Conversions

Conversions Part 1

Format	Color
Hex	003793
RGB	0, 55, 147
RGB Percent	0%, 22%, 58%
CMY	1.0000, 0.7843, 0.4235
CMYK	1.00, 0.63, 0.00, 0.42
HSL	218°, 100%, 29%
HSV	218°, 100%, 58%
XYZ	6.6326, 4.8390, 28.1882
YIQ	49.0430, -62.3120, 16.9520

Conversions

Conversions Part 2

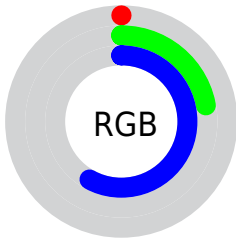
Format	Color
R _{YB}	0, 40, 147
Decimal	14227
CIE _{Lab}	26.27, 23.65, -54.59
CIE _{LCh}	26, 59.489, 293.424
Yxy	4.8390, 0.1672, 0.1220
Android (android.graphics.Color)	4278204307 (0xFF003793)
YUV	49.0430, 48.2928, -43.0107
Hunter-Lab	21.9976, 15.3248, -60.5770

Details

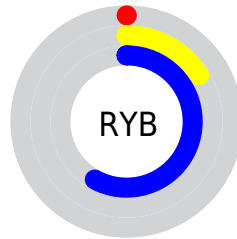
The YUV color **49.0430, 48.2928, -43.0107** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **97.9570, -48.2928, 43.0107**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.4310, 46.6225, -20.5490**, and **19.6350, 37.1549, -17.2199** is the 20% darker color. If you saturate the color by 10%, you get **49.0430, 48.2928, -43.0107**, and if you desaturate by 10%, it is **58.8110, 43.4772, -38.4222**.

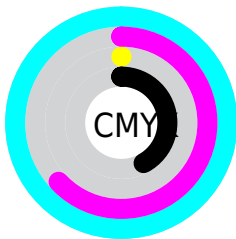
Distribution



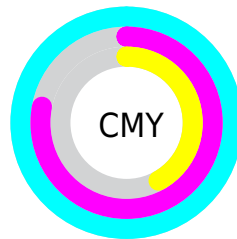
- Red (0%)
- Green (22%)
- Blue (58%)



- Red (0%)
- Yellow (16%)
- Blue (58%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (78%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.0430, 48.2928, -43.0107 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 49.0430, 48.2928, -43.0107 by changing the saturation by 10% instead.

■ 49.0430, 48.2928,
-43.0107

■ 49.0430, 48.2928,
-43.0107

■ 255.0000, 0.0000,
0.0000

■ 33.7520, 43.0133,
-29.6005

■ 107.4310, 46.6225,
-20.5490

■ 19.6350, 37.1549,
-17.2199

■ 133.9690, 47.3433,
-18.3898

■ 9.2680, 30.4339,
-8.1280

■ 160.7520, 46.4643,
-16.4455

■ 7.7060, 19.3719,
-6.7582

■ 185.2720, 34.3759,
-12.5165

■ 3.5510, 11.0674,
-3.1142

■ 209.7920, 22.2875,
-8.5876

■ 0.0000, 0.0000,
0.0000

■ 235.1980, 9.7624,

-4.5586

■ 49.0430, 48.2928,
-43.0107

■ 58.8110, 43.4772,
-38.4222

■ 68.2800, 38.8090,
-34.4486

■ 78.6350, 33.7039,
-30.3749

■ 88.4030, 28.8883,
-25.7864

■ 98.1710, 24.0727,
-21.1980

■ 107.6400, 19.4045,
-17.2243

■ 117.4080, 14.5889,
-12.6358

■ 127.7630, 9.4838,
-8.5622

■ 137.2320, 4.8156,
-4.5885

Harmonies

Analogous

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



59.8200, 46.4307, -52.4621



49.0430, 48.2928, -43.0107



57.9350, 29.1190, 40.3990

Triad

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



49.0430, 48.2928, -43.0107



54.0660, -26.6545, 56.0701



52.0730, -1.0220, -45.6680

Complementary

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



49.0430, 48.2928, -43.0107



97.9570, -48.2928, 43.0107

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.



44.6120, -21.9937, -39.1247



49.0430, 48.2928, -43.0107



59.1730, -29.1723, 23.5273

Square

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



49.0430, 48.2928, -43.0107



44.0840, -6.9434, 80.6103



53.9470, -26.5959, -9.6005



58.0180, 19.2181, -50.8818

Rectangle

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



49.0430, 48.2928, -43.0107



48.1190, 20.1543, 69.1786



53.9470, -26.5959, -9.6005



50.2490, -8.0108, -44.0684

Sweetspot

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



49.0430, 48.2928, -43.0107



152.8250, 18.8203, -16.5095



96.6630, -2.7919, -84.7735



73.6210, 11.5258, -10.1916



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



49.0430, 48.2928, -43.0107



64.0380, 62.5923, -56.1613



21.8410, 61.7034, -4.2456



68.9720, 2.4788, -1.7294



46.2560, 45.2298, -40.5665



3.4880, 3.2104, -3.0590

Inverse Universe

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



50.2230, 2.3551, 84.8734



65.3170, 3.2947, 110.2240



125.1590, -61.7034, 4.2456



69.3210, -0.1583, 4.1035



47.1900, 2.3713, 79.6404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 49.0430, 48.2928, -43.0107 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 49.0430, 48.2928, -43.0107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

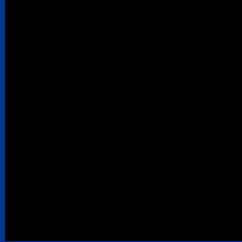
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.0430, 48.2928, -43.0107

Background



This preview shows how black text looks on a background with the YUV color 49.0430, 48.2928, -43.0107.



This preview shows how white text looks on a background with the YUV color 49.0430, 48.2928, -43.0107.

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

49.0430, 48.2928, -43.0107

Protanopia

49.8120, 38.5467, -43.6851

Deuteranopia

49.9940, 29.0900, -43.8447



Tritanopia

49.5260, 12.0657, -43.4343

Trichromacy



Original Color

49.0430, 48.2928, -43.0107

Protanomaly

49.4360, 42.1831, -43.3554

Deuteranomaly

49.8290, 36.0733, -43.7000

Tritanomaly

49.6690, 25.3062, -43.5597

Monochromacy



Original Color

49.0430, 48.2928, -43.0107

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8960, 17.7993, -15.6948

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.0430, 48.2928, -43.0107 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, 55, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 147)  
}
```

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, 55, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 147) }
```

Border

The CSS property to change the border of an element to YUV 49.0430, 48.2928, -43.0107 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, 55, 147) }
```


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

```
.border{ border-color:rgb(0, 55, 147) }
```

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

Here you see how a box with a 4 pixel rgb(0, 55, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 55, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 55, 147)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.0430, 48.2928, -43.0107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 147) }
```

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

```
.background{ background-color: rgb(0, 55,  
147) }
```

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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