

Converting Colors

YUV(49.1870, 43.2918,
-25.5970)

Have a look what the booklet for
YUV(49.1870, 43.2918, -25.5970)
contains.

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Color

**YUV(49.1870, 43.2918,
-25.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	142F89
RGB	20, 47, 137
RGB Percent	8%, 18%, 54%
CMY	0.9216, 0.8157, 0.4627
CMYK	0.85, 0.66, 0.00, 0.46
HSL	226°, 75%, 31%
HSV	226°, 85%, 54%
XYZ	5.8204, 3.9879, 24.1299
YIQ	49.1870, -44.9820, 22.2660

Conversions

Conversions Part 2

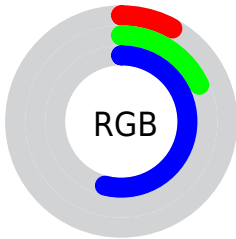
Format	Color
R_{YB}	20, 42, 137
Decimal	1322889
CIE _{Lab}	23.63, 26.25, -52.70
CIE _{LCh}	24, 58.878, 296.481
Yxy	3.9879, 0.1715, 0.1175
Android (android.graphics.Color)	4279512969 (0xFF142F89)
YUV	49.1870, 43.2918, -25.5970
Hunter-Lab	19.9697, 17.0785, -57.6627

Details

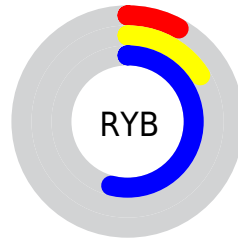
The YUV color **49.1870, 43.2918, -25.5970** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **107.8130, -43.2918, 25.5970**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.3780, 43.6906, -13.4865**, and **12.1520, 36.4071, -10.6573** is the 20% darker color. If you saturate the color by 10%, you get **38.5440, 48.5388, -28.5411**, and if you desaturate by 10%, it is **59.8300, 38.0448, -22.6529**.

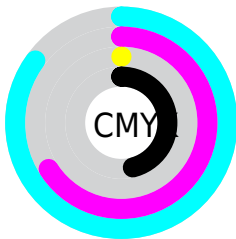
Distribution



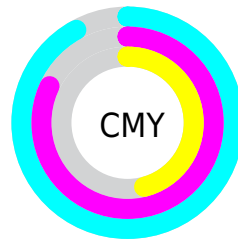
- Red (8%)
- Green (18%)
- Blue (54%)



- Red (8%)
- Yellow (16%)
- Blue (54%)



- Cyan (85%)
- Magenta (66%)
- Yellow (0%)
- Black (46%)



- Cyan (92%)
- Magenta (82%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.1870, 43.2918, -25.5970 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 49.1870, 43.2918, -25.5970 by changing the saturation by 10% instead.

■ 49.1870, 43.2918,
-25.5970

■ 49.1870, 43.2918,
-25.5970

■ 255.0000, 0.0000,
0.0000

■ 28.5030, 40.6710,
-24.9971

■ 102.3780, 43.6906,
-13.4865

■ 12.1520, 36.4071,
-10.6573

■ 128.4430, 45.1376,
-10.9125

■ 10.5900, 25.3451,
-9.2874

■ 155.2690, 45.7164,
-9.8829

■ 6.2070, 16.1669,
-5.4435

■ 180.0000, 36.9750,
-6.1390

■ 2.4110, 6.6994,
-2.1144

■ 205.1070, 24.5972,
-2.7248

■ 0.0000, 0.0000,
0.0000

■ 229.6270, 12.5089,

1.2041

253.8260, 0.5788,
1.0296

■ 49.1870, 43.2918,
-25.5970

■ 49.1870, 43.2918,
-25.5970

■ 38.5440, 48.5388,
-28.5411

■ 59.8300, 38.0448,
-22.6529

■ 34.4020, 50.5808,
-30.1706

■ 69.5870, 33.2346,
-19.8088

■ 80.2300, 27.9876,
-16.8647

■ 90.2860, 23.0300,
-13.4058

■ 100.9290, 17.7830,
-10.4617

■ 110.6860, 12.9728,
-7.6176

■ 121.3290, 7.7258,
-4.6735

■ 131.3850, 2.7682,
-1.2146

■ 141.7290, -2.3314,
1.1147

Harmonies

Analogous

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



54.2120, 45.2515, -47.5439



49.1870, 43.2918, -25.5970



46.3920, 29.3867, 47.8912

Triad

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



49.1870, 43.2918, -25.5970



49.6030, -24.4543, 50.3372



48.5510, 0.7144, -42.5792

Complementary

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



49.1870, 43.2918, -25.5970



107.8130, -43.2918, 25.5970

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.



41.0900, -20.2574, -36.0359



49.1870, 43.2918, -25.5970



53.5360, -26.3932, 18.8239

Square

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



49.1870, 43.2918, -25.5970



40.0680, -9.4005, 75.3624



47.1250, -23.2326, -15.0186



53.6810, 20.3703, -47.0782

Rectangle

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



49.1870, 43.2918, -25.5970



45.3700, 16.0866, 67.2045



47.1250, -23.2326, -15.0186



46.1400, -5.9850, -40.4648

Sweetspot

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



49.1870, 43.2918, -25.5970



143.8150, 17.3462, -10.3618



98.9390, 5.4531, -69.2295



68.6000, 10.0572, -5.7882



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



49.1870, 43.2918, -25.5970



44.4730, 66.3218, -39.0028



42.6070, 46.5357, 7.3607



63.9720, 2.4788, -1.7294



33.3590, 49.1230, -29.2558



1.1570, 1.8946, -1.0147

Inverse Universe

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



58.0610, -5.4531, 69.2295



58.1950, -8.4771, 105.9460



114.3930, -46.5357, -7.3607



64.3210, -0.1583, 4.1035



43.3010, -6.0644, 78.6660



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 49.1870, 43.2918, -25.5970 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 49.1870, 43.2918, -25.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

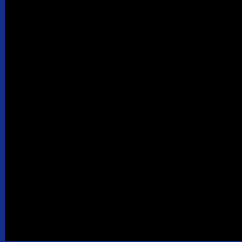
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.1870, 43.2918, -25.5970

Background



This preview shows how black text looks on a background with the YUV color 49.1870, 43.2918, -25.5970.



This preview shows how white text looks on a background with the YUV color 49.1870, 43.2918, -25.5970.

-25.5970.

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

49.1870, 43.2918, -25.5970

Protanopia

45.3950, 34.3153, -39.8114

Deuteranopia

45.2180, 26.0215, -39.6562



Tritanopia

44.5050, 10.5970, -39.0309

Trichromacy



Original Color

49.1870, 43.2918, -25.5970

Protanomaly

46.6390, 37.6460, -34.7634

Deuteranomaly

46.5590, 32.2624, -34.6932

Tritanomaly

46.0400, 22.6583, -34.2381

Monochromacy



Original Color

49.1870, 43.2918, -25.5970

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.7720, 15.8884, -9.4470

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.1870, 43.2918, -25.5970 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(20, 47, 137)` looks like.

```
.text, #text, p{  
    color:rgb(20, 47, 137)  
}
```

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(20, 47, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 47, 137) }
```

Border

The CSS property to change the border of an element to YUV 49.1870, 43.2918, -25.5970 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(20, 47, 137) }
```


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

```
.border{ border-color:rgb(20, 47, 137) }
```

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

Here you see how a box with a 4 pixel rgb(20, 47, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 47, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 47, 137);  
box-shadow:4px 4px 4px 4px rgb(20, 47,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 49.1870, 43.2918, -25.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 47, 137) }
```

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

```
.background{ background-color: rgb(20, 47,  
137) }
```

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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