

Converting Colors

YUV(49.2860, 39.7920,
-23.0528)

Have a look what the booklet for
YUV(49.2860, 39.7920, -23.0528)
contains.

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Color

**YUV(49.2860, 39.7920,
-23.0528)**

Conversions

Conversions Part 1

Format	Color
Hex	172F82
RGB	23, 47, 130
RGB Percent	9%, 18%, 51%
CMY	0.9098, 0.8157, 0.4902
CMYK	0.82, 0.64, 0.00, 0.49
HSL	227°, 70%, 30%
HSV	227°, 82%, 51%
XYZ	5.3991, 3.8269, 21.5732
YIQ	49.2860, -40.9470, 20.7250

Conversions

Conversions Part 2

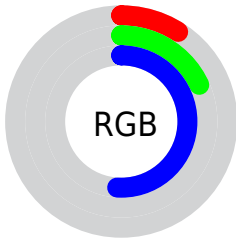
Format	Color
R_{YB}	23, 43, 130
Decimal	1519490
CIE _{Lab}	23.09, 23.71, -49.20
CIE _{LCh}	23, 54.613, 295.732
Yxy	3.8269, 0.1753, 0.1243
Android (android.graphics.Color)	4279709570 (0xFF172F82)
YUV	49.2860, 39.7920, -23.0528
Hunter-Lab	19.5625, 15.0307, -51.6905

Details

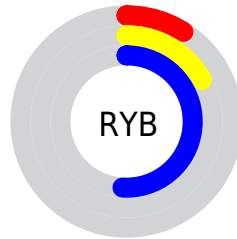
The YUV color **49.2860, 39.7920, -23.0528** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **103.7140, -39.7920, 23.0528**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.5800, 40.6331, -12.7867**, and **10.8810, 34.0757, -9.5426** is the 20% darker color. If you saturate the color by 10%, you get **39.5290, 44.6022, -25.8969**, and if you desaturate by 10%, it is **59.0430, 34.9818, -20.2087**.

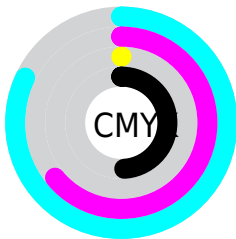
Distribution



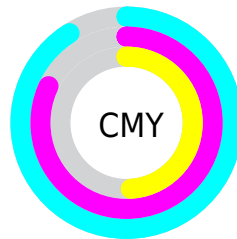
- Red (9%)
- Green (18%)
- Blue (51%)



- Red (9%)
- Yellow (17%)
- Blue (51%)



- Cyan (82%)
- Magenta (64%)
- Yellow (0%)
- Black (49%)



- Cyan (91%)
- Magenta (82%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.2860, 39.7920, -23.0528 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 49.2860, 39.7920, -23.0528 by changing the saturation by 10% instead.

■ 49.2860, 39.7920,
-23.0528

■ 49.2860, 39.7920,
-23.0528

■ 255.0000, 0.0000,
0.0000

■ 27.7050, 37.6134,
-24.2973

■ 101.5800, 40.6331,
-12.7867

■ 10.8810, 34.0757,
-9.5426

■ 127.2320, 41.7906,
-10.7275

■ 9.3190, 23.0137,
-8.1728

■ 154.0580, 42.3694,
-9.6979

■ 4.9360, 13.8356,
-4.3289

■ 179.4020, 37.2698,
-7.3686

■ 0.7980, 3.0576,
-0.6998

■ 203.9220, 25.1815,
-3.4396

■ 0.0000, 0.0000,
0.0000

■ 229.0290, 12.8037,

-0.0254

253.8260, 0.5788,
1.0296

■ 49.2860, 39.7920,
-23.0528

■ 49.2860, 39.7920,
-23.0528

■ 39.5290, 44.6022,
-25.8969

■ 59.0430, 34.9818,
-20.2087

■ 31.8430, 48.3914,
-27.9263

■ 68.8000, 30.1716,
-17.3646

■ 78.5570, 25.3614,
-14.5205

■ 88.3140, 20.5512,
-11.6764

■ 98.0710, 15.7410,
-8.8323

■ 108.4150, 10.6414,
-6.5030

■ 118.1720, 5.8312,
-3.6588

■ 127.9290, 1.0210,
-0.8147

■ 137.6860, -3.7892,
2.0294

Harmonies

Analogous

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



52.7130, 42.0465, -46.2293



49.2860, 39.7920, -23.0528



49.7240, 25.7721, 40.5841

Triad

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



49.2860, 39.7920, -23.0528



48.9940, -24.1540, 47.3633



47.1490, 0.4195, -41.3497

Complementary

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



49.2860, 39.7920, -23.0528



103.7140, -39.7920, 23.0528

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.



39.9160, -19.6786, -35.0063



49.2860, 39.7920, -23.0528



52.6500, -25.9564, 18.7240

Square

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



49.2860, 39.7920, -23.0528



38.8010, -7.7899, 72.0885



47.1470, -23.2435, -11.5299



51.9370, 18.7651, -45.5487

Rectangle

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



49.2860, 39.7920, -23.0528



43.0490, 16.2448, 63.1010



47.1470, -23.2435, -11.5299



44.8520, -5.8430, -39.3352

Sweetspot

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



49.2860, 39.7920, -23.0528



136.6580, 15.4516, -9.3471



95.1570, 4.8526, -63.2817



65.3720, 9.1836, -5.5882



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



49.2860, 39.7920, -23.0528



42.6430, 61.8010, -35.6439



43.8690, 42.4626, 7.1309



58.9720, 2.4788, -1.7294



31.6150, 47.5178, -27.7264



0.0000, 0.0000, 0.0000

Inverse Universe

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



57.7290, -5.2894, 63.3817



55.8520, -8.3080, 98.3538



109.1310, -42.4626, -7.1309



59.3210, -0.1583, 4.1035



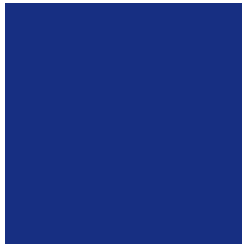
41.5780, -6.2010, 75.7921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 49.2860, 39.7920, -23.0528 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 49.2860, 39.7920, -23.0528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

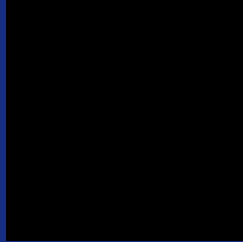
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.2860, 39.7920, -23.0528

Background



This preview shows how black text looks on a background with the YUV color 49.2860, 39.7920, -23.0528.



This preview shows how white text looks on a background with the YUV color 49.2860, 39.7920,

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

49.2860, 39.7920, -23.0528

Protanopia

43.9930, 34.0205, -38.5819

Deuteranopia

44.4030, 25.4373, -38.9414



Tritanopia

43.2170, 10.7390, -37.9013

Trichromacy



Original Color

49.2860, 39.7920, -23.0528

Protanomaly

45.8950, 36.0408, -33.2339

Deuteranomaly

45.8150, 30.6572, -33.1638

Tritanomaly

45.4100, 21.4899, -32.8086

Monochromacy



Original Color

49.2860, 39.7920, -23.0528

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.0280, 14.2832, -7.9176

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.2860, 39.7920, -23.0528 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(23, 47, 130)` looks like.

```
.text, #text, p{  
    color:rgb(23, 47, 130)  
}
```

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(23, 47, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 47, 130) }
```

Border

The CSS property to change the border of an element to YUV 49.2860, 39.7920, -23.0528 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(23, 47, 130) }
```


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

```
.border{ border-color:rgb(23, 47, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 47, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 47, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 47, 130);  
box-shadow:4px 4px 4px 4px rgb(23, 47,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 49.2860, 39.7920, -23.0528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 47, 130) }
```

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

```
.background{ background-color: rgb(23, 47,  
130) }
```

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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