

Converting Colors

YUV(72.9860, 74.9429,
-50.8537)

Have a look what the booklet for
YUV(72.9860, 74.9429, -50.8537)
contains.

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Color

**YUV(72.9860, 74.9429,
-50.8537)**

Conversions

Conversions Part 1

Format	Color
Hex	0F49E1
RGB	15, 73, 225
RGB Percent	6%, 29%, 88%
CMY	0.9412, 0.7137, 0.1176
CMYK	0.93, 0.68, 0.00, 0.12
HSL	223°, 88%, 47%
HSV	223°, 93%, 88%
XYZ	16.1702, 10.3029, 72.3706
YIQ	72.9860, -83.3600, 34.9760

Conversions

Conversions Part 2

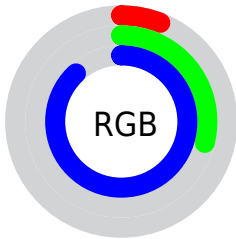
Format	Color
R _Y B	15, 60, 225
Decimal	1001953
CIE Lab	38.38, 42.65, -80.78
CIE LCh	38, 91.350, 297.834
Yxy	10.3029, 0.1636, 0.1042
Android (android.graphics.Color)	4279192033 (0xFF0F49E1)
YUV	72.9860, 74.9429, -50.8537
Hunter-Lab	32.0981, 33.7517, -111.2105

Details

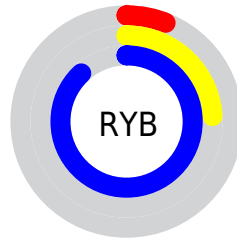
The YUV color **72.9860, 74.9429, -50.8537** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **167.0140, -74.9429, 50.8537**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5740, 59.8630, -20.6744**, and **36.7620, 64.7003, -32.2403** is the 20% darker color. If you saturate the color by 10%, you get **62.0440, 80.3373, -54.4126**, and if you desaturate by 10%, it is **89.2550, 66.9223, -44.9506**.

Distribution



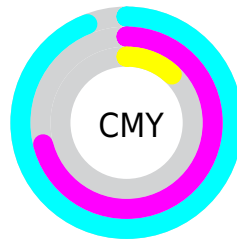
- Red (6%)
- Green (29%)
- Blue (88%)



- Red (6%)
- Yellow (24%)
- Blue (88%)



- Cyan (93%)
- Magenta (68%)
- Yellow (0%)
- Black (12%)



- Cyan (94%)
- Magenta (71%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.9860, 74.9429, -50.8537 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 72.9860, 74.9429, -50.8537 by changing the saturation by 10% instead.

■ 72.9860, 74.9429,
-50.8537

■ 72.9860, 74.9429,
-50.8537

255.0000, 0.0000,
0.0000

■ 52.2810, 70.8535,
-45.8504

■ 133.5740, 59.8630,
-20.6744

■ 36.7620, 64.7003,
-32.2403

■ 158.1160, 47.7638,
-13.2567

■ 23.7050, 57.8264,
-20.7893

■ 183.5330, 35.2332,
-7.4834

■ 12.9960, 49.7950,
-11.3975

■ 208.9500, 22.7027,
-1.7101

■ 17.7770, 35.1129,
-15.5904

■ 234.6550, 10.0301,
2.9336

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 72.9860, 74.9429,
-50.8537

■ 72.9860, 74.9429,
-50.8537

■ 62.0440, 80.3373,
-54.4126

■ 89.2550, 66.9223,
-44.9506

■ 105.8120, 58.7597,
-40.1771

■ 122.0810, 50.7391,
-34.2740

■ 138.0510, 42.8659,
-28.9857

■ 154.0210, 34.9926,
-23.6974

■ 170.8770, 26.6826,
-18.3091

■ 187.1460, 18.6620,
-12.4060

■ 203.1160, 10.7888,
-7.1177

■ 219.9720, 2.4788,
-1.7294

Harmonies

Analogous

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



88.7500, 76.0452, -77.8337



72.9860, 74.9429, -50.8537



69.7260, 49.9281, 86.1863

Triad

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



72.9860, 74.9429, -50.8537



77.2450, -38.0818, 81.3461



77.5540, 2.6849, -68.0149

Complementary

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



72.9860, 74.9429, -50.8537



167.0140, -74.9429, 50.8537

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.



66.3310, -32.7012, -58.1723



72.9860, 74.9429, -50.8537



85.1660, -41.9868, 27.0414

Square

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



72.9860, 74.9429, -50.8537



64.1880, -17.8407, 122.6151



71.5020, -35.2505, -33.7663



87.3920, 35.3027, -76.6428

Rectangle

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



72.9860, 74.9429, -50.8537



73.9360, 24.6816, 110.5581



71.5020, -35.2505, -33.7663



74.4760, -9.1087, -65.3155

Sweetspot

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



72.9860, 74.9429, -50.8537



203.2470, 25.5142, -16.8796



155.4840, 5.1844, -123.2045



96.0600, 15.7464, -10.5766



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



72.9860, 74.9429, -50.8537



70.1600, 91.1261, -61.5303



52.6940, 84.9469, 7.2844



104.0150, 3.9366, -2.6442



48.8270, 62.6963, -42.8213



13.1030, 17.2042, -11.4913

Inverse Universe

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



84.4020, -5.6212, 123.3044



84.2250, -7.0129, 149.7697



187.3060, -84.9469, -7.2844



104.6310, -0.3111, 6.4626



58.2100, -4.5405, 103.3018



15.8340, -1.3972, 28.2096

Previews

White Background



This preview shows how the YUV color 72.9860, 74.9429, -50.8537 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 × Fail

Black Background



This preview shows how the YUV color 72.9860, 74.9429, -50.8537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

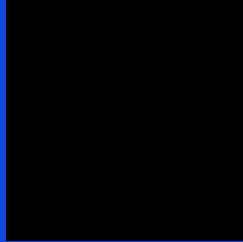
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.9860, 74.9429, -50.8537

Background



This preview shows how black text looks on a background with the YUV color 72.9860, 74.9429, -50.8537.



This preview shows how white text looks on a background with the YUV color 72.9860, 74.9429, -50.8537.

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

72.9860, 74.9429, -50.8537

Protanopia

71.9310, 54.7570, -63.0835

Deuteranopia

71.7880, 41.5165, -62.9581



Tritanopia

70.6700, 16.9247, -61.9776

Trichromacy



Original Color

72.9860, 74.9429, -50.8537

Protanomaly

72.2010, 62.0189, -58.9353

Deuteranomaly

72.0240, 53.7252, -58.7800

Tritanomaly

71.3110, 38.3007, -58.1547

Monochromacy



Original Color

72.9860, 74.9429, -50.8537

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9910, 27.1194, -18.4091

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.9860, 74.9429, -50.8537 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(15, 73, 225)` looks like.

```
.text, #text, p{  
    color:rgb(15, 73, 225)  
}
```

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(15, 73, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 73, 225) }
```

Border

The CSS property to change the border of an element to YUV 72.9860, 74.9429, -50.8537 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(15, 73, 225) }
```


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

```
.border{ border-color:rgb(15, 73, 225) }
```

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

Here you see how a box with a 4 pixel rgb(15, 73, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 73, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 73, 225);  
box-shadow:4px 4px 4px 4px rgb(15, 73,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 72.9860, 74.9429, -50.8537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 73, 225) }
```

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

```
.background{ background-color: rgb(15, 73,  
225) }
```

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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