Converting Colors

YUV(61.9860, 54.7299, -54.3617)

Have a look what the booklet for YUV(61.9860, 54.7299, -54.3617) contains.

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Color

YUV(61.9860, 54.7299, -54.3617)

Conversions

Conversions Part 1

Format	Color
Hex	0048AD
RGB	0, 72, 173
RGB Percent	0%, 28%, 68%
CMY	1.0000, 0.7176, 0.3216
CMYK	1.00, 0.58, 0.00, 0.32
HSL	215°, 100%, 34%
HSV	215°, 100%, 68%
XYZ	9.8602, 7.6519, 40.4924
YIQ	61.9860, -75.3330, 16.1470

Conversions

Conversions Part 2

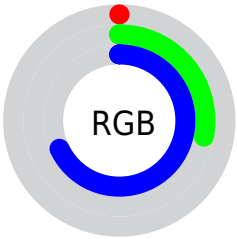
Format	Color
RYB	0, 51, 173
Decimal	18605
CIELab	33.25, 22.67, -58.92
CIELCh	33, 63.126, 291.042
Yxy	7.6519, 0.1700, 0.1319
Android (android.graphics.Color)	4278208685 (0xFF0048AD)
YUV	61.9860, 54.7299, -54.3617
Hunter-Lab	27.6620, 15.2183, -67.4270

Details

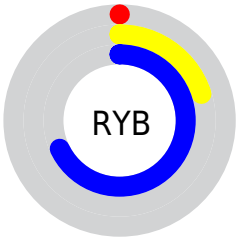
The YUV color 61.9860, 54.7299, -54.3617 is a dark color, and the websafe version is hex 003399. A complement of this color would be 111.0140, -54.7299, 54.3617, and the grayscale version is 62.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 123.7550, 51.8858, -28.7261, and 31.2900, 43.7340, -27.4413 is the 20% darker color. If you saturate the color by 10%, you get 61.9860, 54.7299, -54.3617, and if you desaturate by 10%, it is 72.9390, 49.3301, -49.0585.

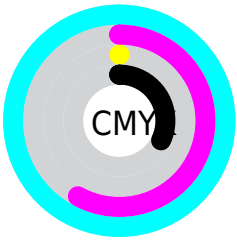
Distribution



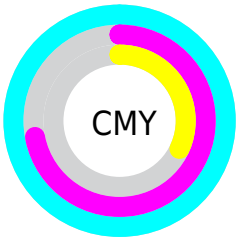
- Red (0%)
- Green (28%)
- Blue (68%)



- Red (0%)
- Yellow (20%)
- Blue (68%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (72%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.9860, 54.7299, -54.3617 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 61.9860, 54.7299, -54.3617 by changing the saturation by 10% instead.

61.9860, 54.7299, -54.3617

255.0000, 0.0000, 0.0000

123.7550, 51.8858, -28.7261

150.6630, 51.4381, -25.1375

175.1830, 39.3498, -21.2085

200.0020, 27.1140, -16.6648

225.4080, 14.5889, -12.6358

250.8140, 2.0637,

61.9860, 54.7299, -54.3617

45.9940, 49.3030, -40.3367

31.2900, 43.7340, -27.4413

15.4120, 38.7439, -13.5163

12.5620, 27.8239, -11.0169

7.5920, 18.9351, -6.6582

3.4370, 10.6306, -3.0142

0.0000, 0.0000,

-8.6069 0.0000

61.9860, 54.7299, -54.3617

72.9390, 49.3301, -49.0585

84.1910, 43.7828, -43.1405

95.1440, 38.3830, -37.8373

106.0970, 32.9832, -32.5341

117.3490, 27.4359, -26.6161

128.8890, 21.7467, -21.8277

139.8420, 16.3469, -16.5244

150.7950, 10.9471, -11.2212

162.0470, 5.3998, -5.3032

Harmonies

Analogous

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

72.5350, 51.9942, -63.6132

61.9860, 54.7299, -54.3617

77.0210, 32.0346, 38.5696

Triad

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

61.9860, 54.7299, -54.3617

69.1720, -34.1018, 64.7472

64.4800, -1.7156, -56.5490

Complementary

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

61.9860, 54.7299, -54.3617

111.0140, -54.7299, 54.3617

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.

55.1780, -27.2028, -48.3911

61.9860, 54.7299, -54.3617

74.2680, -36.6141, 30.4600

Square

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

61.9860, 54.7299, -54.3617

53.3830, -3.6398, 94.3801

69.3190, -34.1743, -5.5418

70.9950, 20.7085, -62.2626

Rectangle

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

61.9860, 54.7299, -54.3617

60.8410, 25.2214, 77.3154

69.3190, -34.1743, -5.5418

61.8410, -9.2886, -54.2346

Sweetspot

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

61.9860, 54.7299, -54.3617

181.0740, 21.1625, -21.1129

113.0650, -5.9480, -99.1580

86.5390, 12.5523, -12.7507

240.0000, 0.0000, 0.0000

112.0000, 0.0000, 0.0000

Same Dimension

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

61.9860, 54.7299, -54.3617

80.1270, 70.9294, -70.2714

23.9080, 73.5024, -8.6893

81.3740, 2.7736, -2.9590

54.0810, 47.2881, -47.4290

8.4920, 7.1524, -7.4475

Inverse Universe

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

59.9350, 5.9480, 99.1580

77.5780, 7.6030, 128.4121

149.0920, -73.5024, 8.6893

81.1470, 0.4205, 5.1331

52.0320, 5.4072, 85.9179

8.0170, 0.9776, 13.1401

Previews

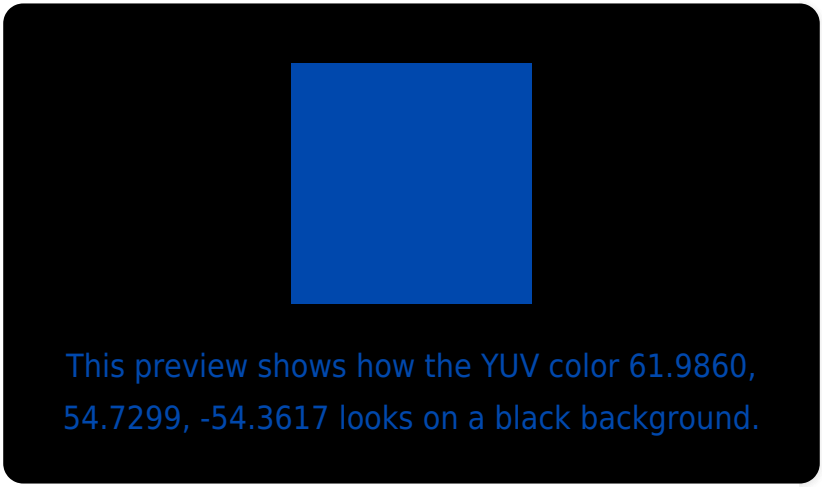
White Background

This preview shows how the YUV color 61.9860, 54.7299, -54.3617 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



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 61.9860, 54.7299, -54.3617

Background

This preview shows how black text looks on a background with the YUV color 61.9860, 54.7299, -54.3617.

This preview shows how white text looks on a background with the YUV color 61.9860, 54.7299,

-54.3617.

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
61.9860, 54.7299, -54.3617

Protanopia
62.2650, 48.1834, -54.6064

Deuteranopia
62.5780, 36.6900, -54.8809

Tritanopia
61.5570, 15.0084, -53.9855

Trichromacy

Original Color
61.9860, 54.7299, -54.3617

Protanomaly
62.2480, 50.6567, -54.5915

Deuteranomaly
62.2990, 43.2366, -54.6362

Tritanomaly
61.9280, 29.1225, -54.3109

Monochromacy

Original Color
61.9860, 54.7299, -54.3617

Achromatopsia
62.0000, 0.0000, 0.0000

Achromatomaly
62.0310, 19.7047, -20.1982

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9860, 54.7299, -54.3617 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, 72, 173) looks like.

```
.text, #text, p{
    color:rgb(0, 72, 173)
}
```

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, 72, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 72, 173) }
```

Border

The CSS property to change the border of an element to YUV 61.9860, 54.7299, -54.3617 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, 72, 173) }
```

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

```
.border{ border-color:rgb(0, 72, 173) }
```

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

Here you see how a box with a 4 pixel rgb(0, 72, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 72, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 72, 173); box-shadow:4px 4px 4px 4px rgb(0, 72, 173) }
```

Background

The CSS property to change the background color of an element to YUV 61.9860, 54.7299, -54.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(0, 72, 173) }
```

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

```
.background{ background-color:rgb(0, 72, 173) }
```

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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