

Converting Colors

YUV(62.8310, 76.9913, -7.7448)

Have a look what the booklet for
YUV(62.8310, 76.9913, -7.7448)
contains.

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Color

**YUV(62.8310, 76.9913,
-7.7448)**

Conversions

Conversions Part 1

Format	Color
Hex	3625DB
RGB	54, 37, 219
RGB Percent	21%, 15%, 86%
CMY	0.7882, 0.8549, 0.1412
CMYK	0.75, 0.83, 0.00, 0.14
HSL	246°, 72%, 50%
HSV	246°, 83%, 86%
XYZ	14.9691, 7.2219, 67.6228
YIQ	62.8310, -48.2900, 60.2060

Conversions

Conversions Part 2

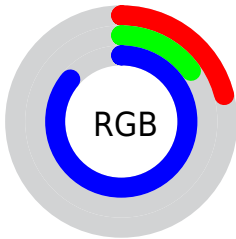
Format	Color
RYB	54, 37, 219
Decimal	3548635
CIELab	32.31, 61.80, -87.35
CIElCh	32, 106.999, 305.278
Yxy	7.2219, 0.1667, 0.0804
Android (android.graphics.Color)	4281738715 (0xFF3625DB)
YUV	62.8310, 76.9913, -7.7448
Hunter-Lab	26.8736, 52.3991, -130.3820

Details

The YUV color **62.8310, 76.9913, -7.7448** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **193.1690, -76.9913, 7.7448**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9980, 67.0490, 7.8948**, and **18.4680, 70.7613, -16.1964** is the 20% darker color. If you saturate the color by 10%, you get **43.9370, 86.3061, -8.7147**, and if you desaturate by 10%, it is **81.7250, 67.6766, -6.7748**.

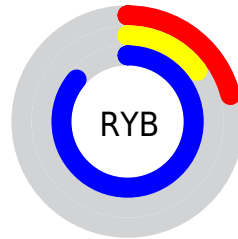
Distribution



Red (21%)

Green (15%)

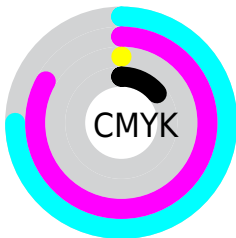
Blue (86%)



Red (21%)

Yellow (15%)

Blue (86%)

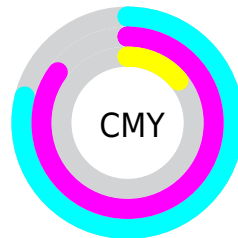


Cyan (75%)

Magenta (83%)

Yellow (0%)

Black (14%)



Cyan (79%)

Magenta (85%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8310, 76.9913, -7.7448 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 62.8310, 76.9913, -7.7448 by changing the saturation by 10% instead.

■ 62.8310, 76.9913,
-7.7448

■ 62.8310, 76.9913,
-7.7448

255.0000, 0.0000,
0.0000

■ 25.1820, 81.2553,
-22.0846

■ 118.9980, 67.0490,
7.8948

■ 18.4680, 70.7613,
-16.1964

■ 144.4150, 54.5184,
13.6680

■ 15.3900, 58.9677,
-13.4970

■ 168.9460, 42.4246,
19.3414

■ 12.4260, 47.6110,
-10.8976

■ 194.9500, 29.6047,
24.5999

■ 15.9190, 33.0709,
-13.9610

■ 220.0680, 17.2215,
29.7584

■ 10.2480, 24.0347,
-8.9875

■ 237.3900, 8.6817,

■ 5.2780, 15.1459,

15.4440

-4.6288

254.4130, 0.2894,
0.5148

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 62.8310, 76.9913,
-7.7448

■ 62.8310, 76.9913,
-7.7448

■ 43.9370, 86.3061,
-8.7147

■ 81.7250, 67.6766,
-6.7748

■ 30.9460, 92.7106,
-9.5996

■ 100.6190, 58.3618,
-5.8049

■ 119.5130, 49.0471,
-4.8349

■ 138.1080, 39.8798,
-4.4797

■ 157.0020, 30.5650,
-3.5098

■ 175.3090, 21.5397,
-2.0250

■ 194.2030, 12.2249,
-1.0550

■ 213.0970, 2.9102,
-0.0851

■ 231.9910, -6.4046,
0.8849

Harmonies

Analogous

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



80.3840, 84.6067, -70.4968



62.8310, 76.9913, -7.7448



70.5070, 38.6970, 95.1484

Triad

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



62.8310, 76.9913, -7.7448



63.6120, -31.3607, 72.2543



70.1340, 9.7939, -61.5075

Complementary

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



62.8310, 76.9913, -7.7448



193.1690, -76.9913, 7.7448

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.



58.1130, -28.6497, -50.9651



62.8310, 76.9913, -7.7448



70.5920, -34.8019, 9.1278

Square

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



62.8310, 76.9913, -7.7448



57.4080, -28.3021, 118.0372



55.1780, -27.2028, -48.3911



80.8840, 45.9062, -70.9353

Rectangle

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



62.8310, 76.9913, -7.7448



71.7120, 10.9880, 116.0166



55.1780, -27.2028, -48.3911



66.1270, -3.0206, -57.9934

Sweetspot

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



62.8310, 76.9913, -7.7448



200.0900, 27.0706, -2.7099



155.7770, 31.1689, -104.1674



94.6420, 16.4455, -1.4400



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.



62.8310, 76.9913, -7.7448



36.2460, 107.8457, -10.7397



89.4420, 63.8721, 46.9704



100.5530, 4.6574, -0.4850



24.5060, 73.2075, -7.4598



6.4400, 19.5031, -2.1399

Inverse Universe

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



110.2280, 45.2436, 95.3930



102.5790, 63.3116, 133.6732



166.5580, -63.8721, -46.9704



103.4290, 2.7465, 5.7628



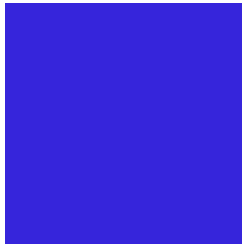
69.6250, 43.0759, 90.6599



18.5420, 11.5648, 24.0807

Previews

White Background



This preview shows how the YUV color 62.8310, 76.9913, -7.7448 looks on a white background.

Color Contrast Check

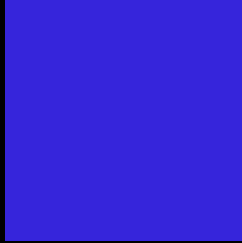
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.8310, 76.9913, -7.7448 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 62.8310, 76.9913, -7.7448

Background



This preview shows how black text looks on a background with the YUV color 62.8310, 76.9913, -7.7448.



This preview shows how white text looks on a background with the YUV color 62.8310, 76.9913, -7.7448.

-7.7448.

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

62.8310, 76.9913, -7.7448

Protanopia

60.2930, 45.7046, -52.8770

Deuteranopia

60.6060, 34.2112, -53.1515



Tritanopia

59.4540, 14.5662, -52.1412

Trichromacy



Original Color

62.8310, 76.9913, -7.7448

Protanomaly

61.3780, 57.0016, -36.2885

Deuteranomaly

61.4290, 49.5815, -36.3332

Tritanomaly

60.8130, 37.0672, -35.7930

Monochromacy



Original Color

62.8310, 76.9913, -7.7448

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.3180, 27.9442, -2.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8310, 76.9913, -7.7448 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(54, 37, 219)` looks like.

```
.text, #text, p{  
    color:rgb(54, 37, 219)  
}
```

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(54, 37, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 37, 219) }
```

Border

The CSS property to change the border of an element to YUV 62.8310, 76.9913, -7.7448 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(54, 37, 219) }
```


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

```
.border{ border-color:rgb(54, 37, 219) }
```

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

Here you see how a box with a 4 pixel rgb(54, 37, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 37, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 37, 219);  
box-shadow:4px 4px 4px 4px rgb(54, 37,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 62.8310, 76.9913, -7.7448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 37, 219) }
```

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

```
.background{ background-color: rgb(54, 37,  
219) }
```

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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