

Converting Colors

YUV(62.4860, 87.0214, -4.8112)

Have a look what the booklet for
YUV(62.4860, 87.0214, -4.8112)
contains.

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Color

**YUV(62.4860, 87.0214,
-4.8112)**

Conversions

Conversions Part 1

Format	Color
Hex	391FEF
RGB	57, 31, 239
RGB Percent	22%, 12%, 94%
CMY	0.7765, 0.8784, 0.0627
CMYK	0.76, 0.87, 0.00, 0.06
HSL	248°, 87%, 53%
HSV	248°, 87%, 94%
XYZ	17.7573, 8.0818, 82.2854
YIQ	62.4860, -51.2720, 70.2000

Conversions

Conversions Part 2

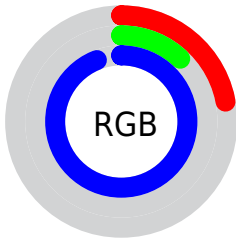
Format	Color
R _{YB}	57, 31, 239
Decimal	3743727
CIE Lab	34.15, 69.66, -95.70
CIE LCh	34, 118.370, 306.050
Yxy	8.0818, 0.1642, 0.0747
Android (android.graphics.Color)	4281933807 (0xFF391FEF)
YUV	62.4860, 87.0214, -4.8112
Hunter-Lab	28.4286, 61.7464, -151.7127

Details

The YUV color **62.4860, 87.0214, -4.8112** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **207.5140, -87.0214, 4.8112**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6180, 66.7433, 12.6130**, and **20.6340, 79.0604, -18.0960** is the 20% darker color. If you saturate the color by 10%, you get **42.1190, 97.0623, -5.3664**, and if you desaturate by 10%, it is **82.8530, 76.9805, -4.2561**.

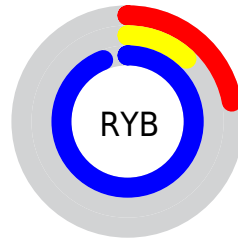
Distribution



Red (22%)

Green (12%)

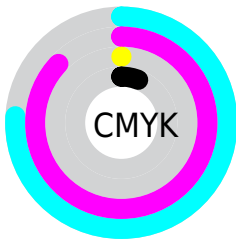
Blue (94%)



Red (22%)

Yellow (12%)

Blue (94%)

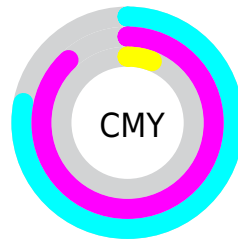


Cyan (76%)

Magenta (87%)

Yellow (0%)

Black (6%)



Cyan (78%)

Magenta (88%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.4860, 87.0214, -4.8112 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 62.4860, 87.0214, -4.8112 by changing the saturation by 10% instead.

■ 62.4860, 87.0214,
-4.8112

■ 62.4860, 87.0214,
-4.8112

■ 255.0000, 0.0000,
0.0000

■ 23.9400, 91.7276,
-20.9954

■ 119.6180, 66.7433,
12.6130

■ 20.6340, 79.0604,
-18.0960

■ 145.3340, 54.0653,
19.0011

■ 17.4420, 66.8301,
-15.2966

■ 171.0500, 41.3874,
25.3892

■ 14.3640, 55.0365,
-12.5972

■ 196.4670, 28.8568,
31.1624

■ 20.2050, 39.3389,
-17.7198

■ 219.7800, 17.3635,
30.8879

■ 13.8330, 30.1553,
-12.1315

■ 236.8030, 8.9711,

■ 8.1620, 21.1191,

15.9588

-7.1581

254.4130, 0.2894,
0.5148

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 62.4860, 87.0214,
-4.8112

■ 62.4860, 87.0214,
-4.8112

■ 42.1190, 97.0623,
-5.3664

■ 82.8530, 76.9805,
-4.2561

■ 36.2160, 99.9725,
-5.4514

■ 103.2200, 66.9395,
-3.7009

■ 123.5870, 56.8986,
-3.1458

■ 143.9540, 46.8577,
-2.5907

■ 164.3210, 36.8167,
-2.0355

■ 183.8020, 27.2126,
-1.5804

■ 204.1690, 17.1717,
-1.0252

■ 224.5360, 7.1308,
-0.4701

■ 244.9030, -2.9102,
0.0851

Harmonies

Analogous

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



84.2480, 84.1807, -73.8855



62.4860, 87.0214, -4.8112



76.7300, 40.5591, 104.5998

Triad

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



62.4860, 87.0214, -4.8112



66.6020, -32.8348, 78.4020



74.5680, 11.5520, -65.3961

Complementary

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



62.4860, 87.0214, -4.8112



207.5140, -87.0214, 4.8112

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.



61.6350, -30.3861, -54.0539



62.4860, 87.0214, -4.8112



73.8260, -36.3962, 7.1686

Square

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



62.4860, 87.0214, -4.8112



61.8930, -30.5132, 127.2588



58.7000, -28.9391, -51.4799



87.1590, 52.1796, -76.4384

Rectangle

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



62.4860, 87.0214, -4.8112



77.8490, 9.9344, 127.2974



58.7000, -28.9391, -51.4799



70.2190, -2.5730, -61.5821

Sweetspot

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



62.4860, 87.0214, -4.8112



198.9160, 27.6494, -1.6803



162.7200, 37.6060, -115.5184



94.0550, 16.7349, -0.9252



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.



62.4860, 87.0214, -4.8112



38.6380, 106.6665, -5.8215



92.9840, 71.9859, 57.8960



109.6670, 5.0942, -0.5850



27.8530, 76.9805, -4.2561



8.4770, 23.4288, -1.2953

Inverse Universe

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



113.9400, 48.8366, 109.6776



101.6670, 59.8172, 134.4730



177.0160, -71.9859, -57.8960



112.7280, 2.5991, 6.3775



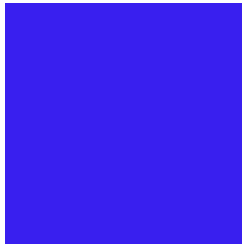
73.3700, 43.2016, 97.0225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 62.4860, 87.0214, -4.8112 looks on a white background.

Color Contrast Check

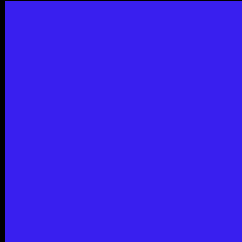
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.4860, 87.0214, -4.8112 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 62.4860, 87.0214, -4.8112

Background



This preview shows how black text looks on a background with the YUV color 62.4860, 87.0214, -4.8112.



This preview shows how white text looks on a background with the YUV color 62.4860, 87.0214,

-4.8112.

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

62.4860, 87.0214, -4.8112

Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

63.7520, 36.1113, -55.9105



Tritanopia

62.8450, 14.8664, -55.1151

Trichromacy



Original Color

62.4860, 87.0214, -4.8112

Protanomaly

63.1590, 62.5326, -36.9734

Deuteranomaly

63.0960, 54.6757, -36.9182

Tritanomaly

62.8390, 40.9984, -36.6928

Monochromacy



Original Color

62.4860, 87.0214, -4.8112

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2410, 31.4332, -1.9654

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.4860, 87.0214, -4.8112 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(57, 31, 239)` looks like.

```
.text, #text, p{  
    color:rgb(57, 31, 239)  
}
```

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(57, 31, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 31, 239) }
```

Border

The CSS property to change the border of an element to YUV 62.4860, 87.0214, -4.8112 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(57, 31, 239) }
```


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

```
.border{ border-color:rgb(57, 31, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 31, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 31, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 31, 239);  
box-shadow:4px 4px 4px 4px rgb(57, 31,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 62.4860, 87.0214, -4.8112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 31, 239) }
```

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

```
.background{ background-color: rgb(57, 31,  
239) }
```

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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