

Converting Colors

YUV(51.2400, 90.1007,
-12.4885)

Have a look what the booklet for
YUV(51.2400, 90.1007, -12.4885)
contains.

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Color

**YUV(51.2400, 90.1007,
-12.4885)**

Conversions

Conversions Part 1

Format	Color
Hex	2517EA
RGB	37, 23, 234
RGB Percent	15%, 9%, 92%
CMY	0.8549, 0.9098, 0.0824
CMYK	0.84, 0.90, 0.00, 0.08
HSL	244°, 83%, 50%
HSV	244°, 90%, 92%
XYZ	15.9206, 6.9466, 78.3436
YIQ	51.2400, -59.3870, 68.5890

Conversions

Conversions Part 2

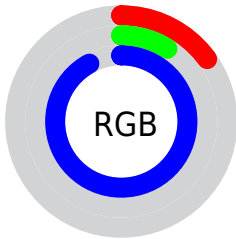
Format	Color
RYB	37, 23, 234
Decimal	2430954
CIELab	31.69, 70.08, -97.00
CIElCh	32, 119.668, 305.847
Yxy	6.9466, 0.1573, 0.0686
Android (android.graphics.Color)	4280621034 (0xFF2517EA)
YUV	51.2400, 90.1007, -12.4885
Hunter-Lab	26.3564, 61.6993, -157.7880

Details

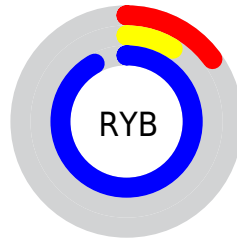
The YUV color **51.2400, 90.1007, -12.4885** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **205.7600, -90.1007, 12.4885**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2200, 70.3905, 9.4541**, and **20.0640, 76.8764, -17.5961** is the 20% darker color. If you saturate the color by 10%, you get **31.4600, 99.8522, -13.5584**, and if you desaturate by 10%, it is **71.3190, 80.2017, -10.8038**.

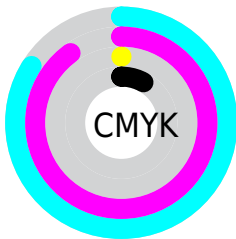
Distribution



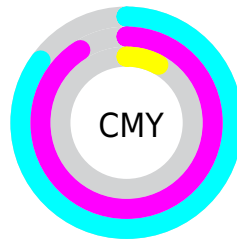
- Red (15%)
- Green (9%)
- Blue (92%)



- Red (15%)
- Yellow (9%)
- Blue (92%)



- Cyan (84%)
- Magenta (90%)
- Yellow (0%)
- Black (8%)



- Cyan (85%)
- Magenta (91%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2400, 90.1007, -12.4885 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 51.2400, 90.1007, -12.4885 by changing the saturation by 10% instead.

■ 51.2400, 90.1007,
-12.4885

■ 51.2400, 90.1007,
-12.4885

■ 255.0000, 0.0000,
0.0000

■ 23.3700, 89.5436,
-20.4955

■ 112.2200, 70.3905,
9.4541

■ 20.0640, 76.8764,
-17.5961

■ 138.2350, 57.5651,
16.4569

■ 16.9860, 65.0829,
-14.8967

■ 163.9510, 44.8872,
22.8450

■ 13.9080, 53.2894,
-12.1973

■ 189.3680, 32.3566,
28.6183

■ 19.1620, 37.8811,
-16.8051

■ 215.3720, 19.5366,
33.8768


■ 12.7900, 28.6975,
-11.2168


■ 232.6940, 10.9969,

■ 7.7060, 19.3719,


19.5624


-6.7582


 249.7170, 2.6045,
4.6332


 3.5510, 11.0674,
-3.1142


 0.0000, 0.0000,
0.0000


 51.2400, 90.1007,
-12.4885


 51.2400, 90.1007,
-12.4885

 31.4600, 99.8522,
-13.5584

 71.3190, 80.2017,
-10.8038

 91.9850, 70.0134,
-9.6338

 112.0640, 60.1144,
-7.9491

 132.4310, 50.0735,
-7.3940

■ 152.5100, 40.1746,
-5.7093

■ 172.5890, 30.2756,
-4.0246

■ 193.2550, 20.0873,
-2.8546

■ 213.3340, 10.1883,
-1.1699

■ 234.0000, 0.0000,
0.0000

Harmonies

Analogous

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



81.3130, 85.6277, -71.3115



51.2400, 90.1007, -12.4885



74.0670, 39.4070, 100.7962

Triad

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



51.2400, 90.1007, -12.4885



58.6390, -28.9090, 79.2466



69.7750, 10.9569, -61.1927

Complementary

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



51.2400, 90.1007, -12.4885



205.7600, -90.1007, 12.4885

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



51.2400, 90.1007, -12.4885



68.5100, -33.7754, 6.5687

Square

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



51.2400, 90.1007, -12.4885



59.8000, -29.4814, 122.9554



55.1780, -27.2028, -48.3911



82.9530, 51.2952, -72.7498

Rectangle

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



51.2400, 90.1007, -12.4885



75.1860, 8.7823, 123.4939



55.1780, -27.2028, -48.3911



65.4260, -3.1680, -57.3786

Sweetspot

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



51.2400, 90.1007, -12.4885



195.3610, 29.4020, -3.8246



164.4540, 34.2862, -124.0552



92.2720, 17.6139, -2.8695



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.



51.2400, 90.1007, -12.4885



34.1530, 108.8776, -15.0432



81.7380, 75.0652, 50.2188



107.2540, 4.8048, -1.0998



24.2220, 77.2916, -10.7187



7.3520, 22.9975, -2.9397

Inverse Universe

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



108.5470, 54.9463, 110.0223



103.3770, 66.3691, 132.9734



175.2620, -75.0652, -50.2188



110.5430, 3.1833, 5.6628



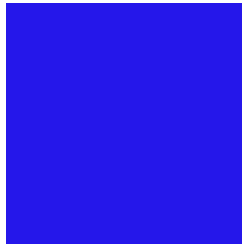
73.3850, 47.1382, 94.3784



21.8460, 13.8799, 28.1991

Previews

White Background



This preview shows how the YUV color 51.2400, 90.1007, -12.4885 looks on a white background.

Color Contrast Check

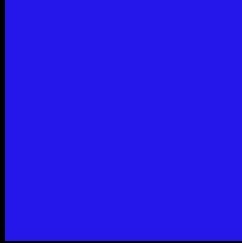
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.2400, 90.1007, -12.4885 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 51.2400, 90.1007, -12.4885

Background



This preview shows how black text looks on a background with the YUV color 51.2400, 90.1007, -12.4885.



This preview shows how white text looks on a background with the YUV color 51.2400, 90.1007, -12.4885.

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

51.2400, 90.1007, -12.4885

Protanopia

59.3640, 44.6835, -52.0622

Deuteranopia

59.7910, 33.6270, -52.4367



Tritanopia

58.6390, 13.9820, -51.4264

Trichromacy



Original Color

51.2400, 90.1007, -12.4885

Protanomaly

56.2190, 61.5170, -37.9031

Deuteranomaly

56.3840, 54.5337, -38.0478

Tritanomaly

55.6540, 41.5826, -37.4076

Monochromacy



Original Color

51.2400, 90.1007, -12.4885

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.2730, 32.8964, -4.6244

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2400, 90.1007, -12.4885 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(37, 23, 234)` looks like.

```
.text, #text, p{  
    color:rgb(37, 23, 234)  
}
```

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(37, 23, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 23, 234) }
```

Border

The CSS property to change the border of an element to YUV 51.2400, 90.1007, -12.4885 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(37, 23, 234) }
```


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

```
.border{ border-color:rgb(37, 23, 234) }
```

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

Here you see how a box with a 4 pixel rgb(37, 23, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 23, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 23, 234);  
box-shadow:4px 4px 4px 4px rgb(37, 23,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 51.2400, 90.1007, -12.4885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 23, 234) }
```

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

```
.background{ background-color: rgb(37, 23,  
234) }
```

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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