

Converting Colors

YUV(57.3480, 89.5544,
-23.9842)

Have a look what the booklet for
YUV(57.3480, 89.5544, -23.9842)
contains.

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Color

**YUV(57.3480, 89.5544,
-23.9842)**

Conversions

Conversions Part 1

Format	Color
Hex	1E24EF
RGB	30, 36, 239
RGB Percent	12%, 14%, 94%
CMY	0.8824, 0.8588, 0.0627
CMYK	0.87, 0.85, 0.00, 0.06
HSL	238°, 87%, 53%
HSV	238°, 87%, 94%
XYZ	16.7463, 7.7698, 82.2784
YIQ	57.3480, -68.7390, 61.8610

Conversions

Conversions Part 2

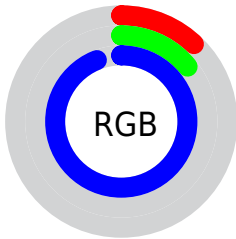
Format	Color
R_{YB}	30, 36, 239
Decimal	1975535
CIE _{Lab}	33.50, 66.95, -96.83
CIE _{LCh}	33, 117.716, 304.661
Yxy	7.7698, 0.1568, 0.0728
Android (android.graphics.Color)	4280165615 (0xFF1E24EF)
YUV	57.3480, 89.5544, -23.9842
Hunter-Lab	27.8743, 58.4590, -155.4983

Details

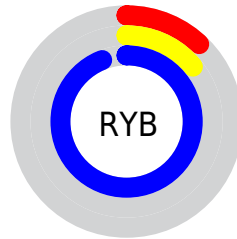
The YUV color **57.3480, 89.5544, -23.9842** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **211.6520, -89.5544, 23.9842**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9050, 68.0808, 3.5913**, and **20.6340, 79.0604, -18.0960** is the 20% darker color. If you saturate the color by 10%, you get **36.6710, 99.7482, -26.8985**, and if you desaturate by 10%, it is **78.0250, 79.3607, -21.0699**.

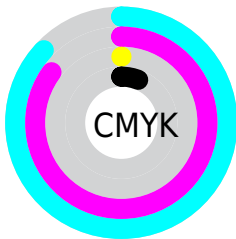
Distribution



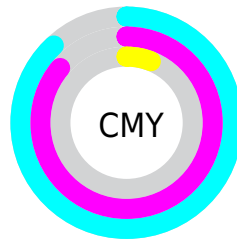
- Red (12%)
- Green (14%)
- Blue (94%)



- Red (12%)
- Yellow (14%)
- Blue (94%)



- Cyan (87%)
- Magenta (85%)
- Yellow (0%)
- Black (6%)



- Cyan (88%)
- Magenta (86%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.3480, 89.5544, -23.9842 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 57.3480, 89.5544, -23.9842 by changing the saturation by 10% instead.

■ 57.3480, 89.5544,
-23.9842

■ 57.3480, 89.5544,
-23.9842

255.0000, 0.0000,
0.0000

■ 26.2880, 90.5700,
-23.0546

■ 116.9050, 68.0808,
3.5913

■ 20.6340, 79.0604,
-18.0960

■ 142.6320, 55.3974,
11.7237

■ 17.4420, 66.8301,
-15.2966

■ 168.0490, 42.8668,
17.4970

■ 14.3640, 55.0365,
-12.5972

■ 194.3520, 29.8995,
23.3703

■ 20.7920, 39.0495,
-18.2346

■ 220.3560, 17.0795,
28.6288

■ 13.8330, 30.1553,
-12.1315

■ 237.3900, 8.6817,

■ 8.1620, 21.1191,

15.4440

-7.1581

254.4130, 0.2894,
0.5148

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 57.3480, 89.5544,
-23.9842

■ 57.3480, 89.5544,
-23.9842

■ 36.6710, 99.7482,
-26.8985

■ 78.0250, 79.3607,
-21.0699

■ 31.3550, 102.3690,
-27.4983

■ 98.7020, 69.1669,
-18.1557

■ 119.9660, 58.6838,
-15.7562

■ 140.6430, 48.4900,
-12.8419

■ 161.0210, 38.4436,
-10.5424

■ 181.6980, 28.2499,
-7.6281

■ 202.3750, 18.0561,
-4.7139

■ 223.6390, 7.5730,
-2.3144

■ 244.3160, -2.6208,
0.5999

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



57.3480, 89.5544, -23.9842



75.1640, 42.3171, 100.7112

Triad

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



57.3480, 89.5544, -23.9842



61.9060, -30.5197, 82.5204



72.7100, 9.5100, -63.7667

Complementary

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



57.3480, 89.5544, -23.9842



211.6520, -89.5544, 23.9842

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.



60.4610, -29.8073, -53.0243



57.3480, 89.5544, -23.9842



73.2500, -36.1123, 9.4277

Square

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



57.3480, 89.5544, -23.9842



61.5940, -30.3658, 126.6441



57.5260, -28.3603, -50.4503



85.1870, 49.7008, -74.7090

Rectangle

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



57.3480, 89.5544, -23.9842



76.8810, 11.3977, 124.6384



57.5260, -28.3603, -50.4503



68.3610, -4.6150, -59.9526

Sweetspot

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



57.3480, 89.5544, -23.9842



197.6980, 28.2499, -7.6281



175.7110, 27.7505, -127.7885



93.1470, 17.1825, -4.5139



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.



57.3480, 89.5544, -23.9842



33.1790, 109.3578, -29.0980



83.1280, 76.8449, 39.3527



109.3680, 5.2416, -1.1997



23.9110, 78.9239, -20.9699



7.5580, 23.8819, -6.6284

Inverse Universe

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



93.1750, -28.1873, 127.8885



77.0430, -34.5312, 156.0683



185.8720, -76.8449, -39.3527



111.5880, -1.7689, 7.3773



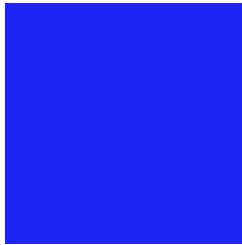
55.5860, -24.9389, 112.6191



16.9720, -7.3812, 34.2276

Previews

White Background



This preview shows how the YUV color 57.3480, 89.5544, -23.9842 looks on a white background.

Color Contrast Check

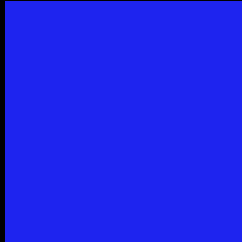
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.3480, 89.5544, -23.9842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

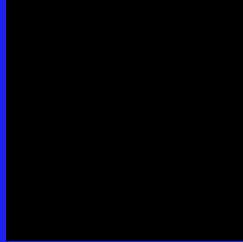
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.3480, 89.5544, -23.9842

Background



This preview shows how black text looks on a background with the YUV color 57.3480, 89.5544, -23.9842.



This preview shows how white text looks on a background with the YUV color 57.3480, 89.5544, -23.9842.

-23.9842.

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

57.3480, 89.5544, -23.9842

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

62.8230, 35.0903, -55.0958



Tritanopia

61.4430, 14.5716, -53.8855

Trichromacy



Original Color

57.3480, 89.5544, -23.9842

Protanomaly

60.4140, 62.4069, -43.3361

Deuteranomaly

61.0520, 54.6974, -43.8956

Tritanomaly

59.7350, 42.0356, -42.7406

Monochromacy



Original Color

57.3480, 89.5544, -23.9842

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8380, 32.6179, -8.6279

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.3480, 89.5544, -23.9842 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(30, 36, 239)` looks like.

```
.text, #text, p{  
    color:rgb(30, 36, 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(30, 36, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 36, 239) }
```

Border

The CSS property to change the border of an element to YUV 57.3480, 89.5544, -23.9842 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(30, 36, 239) }
```


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

```
.border{ border-color:rgb(30, 36, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 36, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 36, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 36, 239);  
box-shadow:4px 4px 4px 4px rgb(30, 36,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 57.3480, 89.5544, -23.9842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 36, 239) }
```

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

```
.background{ background-color: rgb(30, 36,  
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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