

Converting Colors

YUV(81.4220, 23.4560,
-10.0171)

Have a look what the booklet for
YUV(81.4220, 23.4560, -10.0171)
contains.

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Color

**YUV(81.4220, 23.4560,
-10.0171)**

Conversions

Conversions Part 1

Format	Color
Hex	464E81
RGB	70, 78, 129
RGB Percent	27%, 31%, 51%
CMY	0.7255, 0.6941, 0.4941
CMYK	0.46, 0.40, 0.00, 0.49
HSL	232°, 30%, 39%
HSV	232°, 46%, 51%
XYZ	9.2126, 8.3358, 21.8923
YIQ	81.4220, -21.1390, 14.1650

Conversions

Conversions Part 2

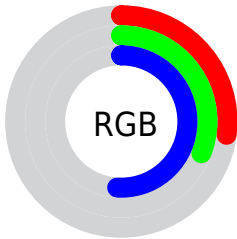
Format	Color
R_{YB}	70, 77, 129
Decimal	4607617
CIE Lab	34.67, 11.26, -29.80
CIE LCh	35, 31.857, 290.699
Yxy	8.3358, 0.2336, 0.2114
Android (android.graphics.Color)	4282797697 (0xFF464E81)
YUV	81.4220, 23.4560, -10.0171
Hunter-Lab	28.8719, 6.4312, -24.7468

Details

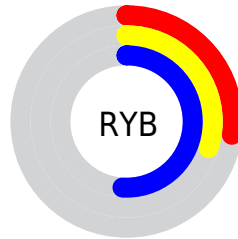
The YUV color **81.4220, 23.4560, -10.0171** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **117.5780, -23.4560, 10.0171**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4760, 24.9083, -9.1875**, and **34.3460, 22.0144, -14.3354** is the 20% darker color. If you saturate the color by 10%, you get **71.0780, 28.5555, -12.3464**, and if you desaturate by 10%, it is **91.7660, 18.3564, -7.6878**.

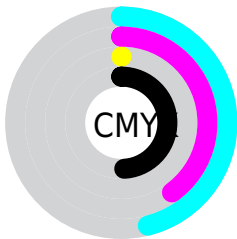
Distribution



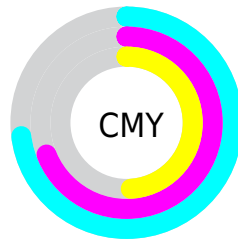
- Red (27%)
- Green (31%)
- Blue (51%)



- Red (27%)
- Yellow (30%)
- Blue (51%)



- Cyan (46%)
- Magenta (40%)
- Yellow (0%)
- Black (49%)



- Cyan (73%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4220, 23.4560, -10.0171 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 81.4220, 23.4560, -10.0171 by changing the saturation by 10% instead.

■ 81.4220, 23.4560,
-10.0171

■ 81.4220, 23.4560,
-10.0171

■ 255.0000, 0.0000,
0.0000

■ 57.5960, 22.8772,
-11.0467

■ 131.4760, 24.9083,
-9.1875

■ 34.3460, 22.0144,
-14.3354

■ 158.0030, 25.6345,
-8.7726

■ 14.0150, 20.6986,
-12.2912

■ 184.5300, 26.3607,
-8.3578

■ 5.0500, 14.2723,
-4.4289

■ 211.2760, 21.5559,
-7.2581

■ 0.9120, 3.4944,
-0.7998

■ 236.3830, 9.1782,
-3.8439

■ 0.0000, 0.0000,
0.0000

■ 81.4220, 23.4560,
-10.0171

■ 81.4220, 23.4560,
-10.0171

■ 71.0780, 28.5555,
-12.3464

■ 91.7660, 18.3564,
-7.6878

■ 60.7340, 33.6551,
-14.6757

■ 102.1100, 13.2568,
-5.3585

■ 50.3900, 38.7547,
-17.0050

■ 112.4540, 8.1572,
-3.0292

■ 39.4590, 44.1437,
-18.8195

■ 123.3850, 2.7682,
-1.2146

■ 29.4140, 49.0959,
-20.5341

■ 133.7290, -2.3314,
1.1147

■ 24.6850, 51.4273,
-21.6487

■ 143.7740, -7.2836,
2.8292

■ 154.1180,
-12.3832, 5.1585

■ 164.4620,

-17.4828, 7.4878

■ 174.8060,
-22.5824, 9.8171

Harmonies

Analogous

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



66.0030, 32.0435, -57.8846



81.4220, 23.4560, -10.0171



84.3070, 14.6386, 18.1478

Triad

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



81.4220, 23.4560, -10.0171



80.9970, -18.7325, 35.0826



63.5000, 4.6835, -55.6895

Complementary

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



81.4220, 23.4560, -10.0171



117.5780, -23.4560, 10.0171

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.



73.5400, -12.5912, -21.5216



81.4220, 23.4560, -10.0171



79.4160, -24.3621, 20.6832

Square

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



81.4220, 23.4560, -10.0171



81.7880, -8.2765, 41.4049



77.7510, -22.5552, 1.0954



66.4640, 16.0402, -58.2889

Rectangle

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



81.4220, 23.4560, -10.0171



83.5600, 7.6119, 31.9579



77.7510, -22.5552, 1.0954



66.9700, -1.4642, -43.8237

Sweetspot

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



81.4220, 23.4560, -10.0171



149.3830, 9.1782, -3.8439



110.3330, 4.7658, -35.3720



72.7700, 5.5364, -2.4293



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



81.4220, 23.4560, -10.0171



93.5320, 36.7127, -15.3756



83.0050, 22.6755, 7.0116



58.3850, 2.7682, -1.2146



24.5710, 50.9905, -21.5488



0.0000, 0.0000, 0.0000

Inverse Universe

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



88.5530, -5.2026, 35.4720



104.8760, -8.3199, 55.3597



115.9950, -22.6755, -7.0116



59.2070, -0.5951, 4.2035



40.2100, -11.4425, 76.9918



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 81.4220, 23.4560, -10.0171 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 81.4220, 23.4560, -10.0171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

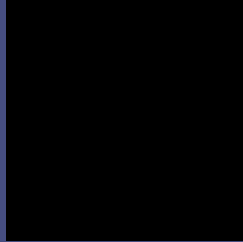
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.4220, 23.4560, -10.0171

Background



This preview shows how black text looks on a background with the YUV color 81.4220, 23.4560, -10.0171.



This preview shows how white text looks on a background with the YUV color 81.4220, 23.4560,

-10.0171.

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

81.4220, 23.4560, -10.0171

Protanopia

80.4320, 24.9300, -16.1649

Deuteranopia

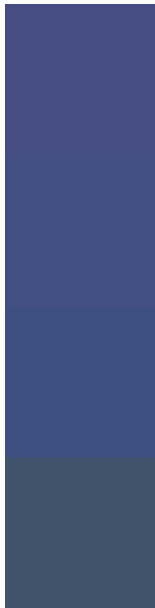
78.8830, 24.2147, -20.0684



Tritanopia

79.0240, 6.8902, -16.6840

Trichromacy



Original Color

81.4220, 23.4560, -10.0171

Protanomaly

80.6280, 24.3404, -13.7058

Deuteranomaly

79.7910, 23.7670, -16.4797

Tritanomaly

79.9410, 12.8471, -13.9803

Monochromacy



Original Color

81.4220, 23.4560, -10.0171

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1550, 8.3046, -3.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4220, 23.4560, -10.0171 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(70, 78, 129)` looks like.

```
.text, #text, p{  
    color:rgb(70, 78, 129)  
}
```

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(70, 78, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 78, 129) }
```

Border

The CSS property to change the border of an element to YUV 81.4220, 23.4560, -10.0171 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(70, 78, 129) }
```


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

```
.border{ border-color:rgb(70, 78, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 78, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 78, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 78, 129);  
box-shadow:4px 4px 4px 4px rgb(70, 78,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 81.4220, 23.4560, -10.0171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 78, 129) }
```

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

```
.background{ background-color: rgb(70, 78,  
129) }
```

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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