

Converting Colors

YUV(80.4220, 3.2430, -13.5251)

Have a look what the booklet for
YUV(80.4220, 3.2430, -13.5251)
contains.

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Color

**YUV(80.4220, 3.2430,
-13.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	415757
RGB	65, 87, 87
RGB Percent	25%, 34%, 34%
CMY	0.7451, 0.6588, 0.6588
CMYK	0.25, 0.00, 0.00, 0.66
HSL	180°, 14%, 30%
HSV	180°, 25%, 34%
XYZ	7.3085, 8.6283, 10.2971
YIQ	80.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

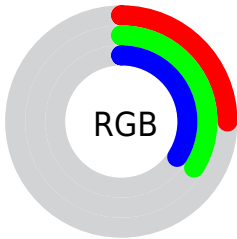
Format	Color
RYB	65, 76, 87
Decimal	4282199
CIELab	35.26, -8.32, -2.74
CIELCh	35, 8.765, 198.239
Yxy	8.6283, 0.2786, 0.3289
Android (android.graphics.Color)	4282472279 (0xFF415757)
YUV	80.4220, 3.2430, -13.5251
Hunter-Lab	29.3740, -6.9924, -0.2223

Details

The YUV color **80.4220, 3.2430, -13.5251** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71.5780, -3.2430, 13.5251**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.1230, 3.3904, -14.1399**, and **35.7210, 3.0955, -12.9103** is the 20% darker color. If you saturate the color by 10%, you get **77.7310, 4.5696, -19.0581**, and if you desaturate by 10%, it is **83.1130, 1.9163, -7.9921**.

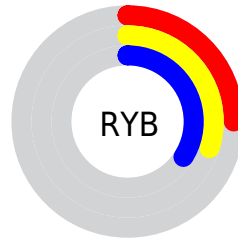
Distribution



Red (25%)

Green (34%)

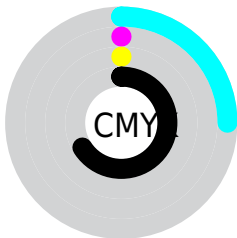
Blue (34%)



Red (25%)

Yellow (30%)

Blue (34%)

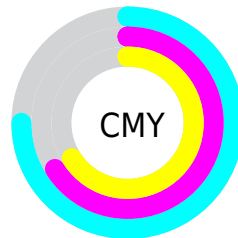


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (66%)



Cyan (75%)

Magenta (66%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4220, 3.2430, -13.5251 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 80.4220, 3.2430, -13.5251 by changing the saturation by 10% instead.

■ 80.4220, 3.2430,
-13.5251

■ 80.4220, 3.2430,
-13.5251

■ 255.0000, 0.0000,
0.0000

■ 57.4220, 3.2430,
-13.5251

■ 130.1230, 3.3904,
-14.1399

■ 35.7210, 3.0955,
-12.9103

■ 155.8240, 3.5378,
-14.7546

■ 15.3080, 2.8062,
-13.4251

■ 182.8240, 3.5378,
-14.7546

■ 0.0000, 0.0000,
0.0000

■ 210.5250, 3.6852,
-15.3694

■ 238.5250, 3.6852,
-15.3694

■ 253.5050, 0.7370,

-3.0739

■ 80.4220, 3.2430,
-13.5251

■ 80.4220, 3.2430,
-13.5251

■ 77.7310, 4.5696,
-19.0581

■ 83.1130, 1.9163,
-7.9921

■ 75.3390, 5.7489,
-23.9763

■ 85.5050, 0.7370,
-3.0739

■ 72.6480, 7.0755,
-29.5093

■ 88.1960, -0.5896,
2.4591

■ 69.9570, 8.4022,
-35.0423

■ 90.8870, -1.9163,
7.9921

■ 67.2660, 9.7289,
-40.5753

■ 93.5780, -3.2430,
13.5251

■ 64.8740, 10.9081,
-45.4935

■ 95.9700, -4.4222,
18.4433

■ 62.1830, 12.2348,
-51.0265

■ 98.6610, -5.7489,
23.9763

■ 60.9870, 12.8244,
-53.4856

■ 101.3520, -7.0755,
29.5093

■ 103.7440, -8.2548,
34.4275

Harmonies

Analogous

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



80.8200, -0.4043, -10.3661



80.4220, 3.2430, -13.5251



80.8180, 6.0057, -12.9954

Triad

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



80.4220, 3.2430, -13.5251



84.0590, 3.9149, 4.3333



82.6220, -6.7156, 7.3475

Complementary

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



80.4220, 3.2430, -13.5251



71.5780, -3.2430, 13.5251

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.



83.3990, -5.1267, 11.0511



80.4220, 3.2430, -13.5251



83.9950, 0.9885, 9.6514

Square

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



80.4220, 3.2430, -13.5251



83.2970, 6.2626, -2.0145



84.0940, -2.5113, 12.1956



82.4040, -6.1152, 1.3997

Rectangle

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



80.4220, 3.2430, -13.5251



81.7690, 7.0159, -10.3214



84.0940, -2.5113, 12.1956



83.3340, -6.5737, 8.4771

Sweetspot

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



80.4220, 3.2430, -13.5251



109.3090, 1.3267, -5.5330



77.9140, -6.3666, -11.3256



54.2060, 0.8844, -3.6887



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



80.4220, 3.2430, -13.5251



102.1330, 4.8644, -20.2876



73.9650, 6.4263, -7.8623



41.8040, 0.5896, -2.4591



75.0070, 15.7725, -65.7811



164.7350, 34.6406, -144.4726

Inverse Universe

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



74.0860, 6.3666, 11.3256



92.6290, 9.5499, 16.9884



78.0350, -6.4263, 7.8623



40.6520, 1.1576, 2.0592



44.1910, 30.9648, 55.0835



97.0550, 68.0069, 120.9778

Previews

White Background



This preview shows how the YUV color 80.4220, 3.2430, -13.5251 looks on a white background.

Color Contrast Check

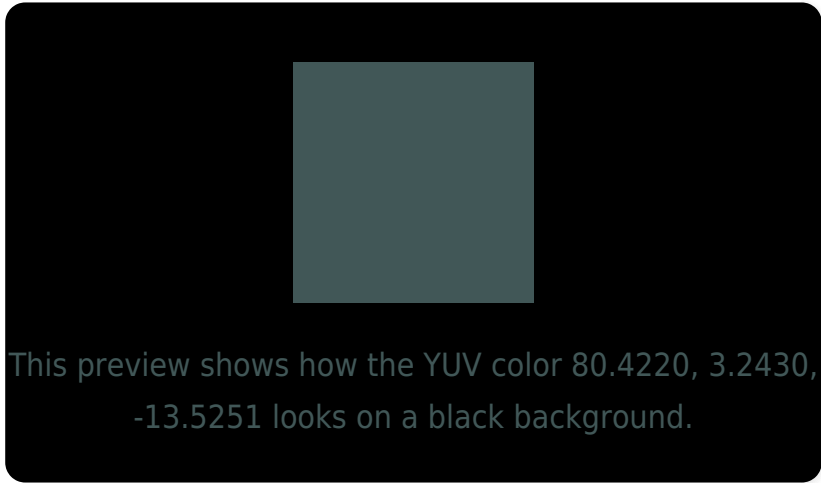
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

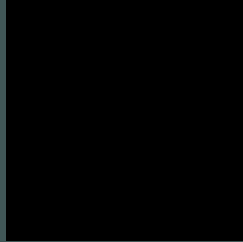
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.4220, 3.2430, -13.5251

Background



This preview shows how black text looks on a background with the YUV color 80.4220, 3.2430, -13.5251.



This preview shows how white text looks on a background with the YUV color 80.4220, 3.2430,

-13.5251.

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

80.4220, 3.2430, -13.5251

Protanopia

82.8260, 0.5788, 1.0296

Deuteranopia

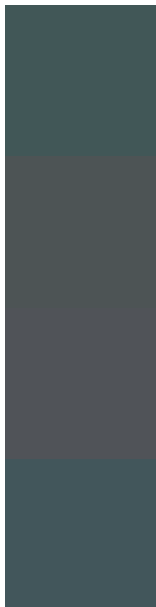
83.3040, 2.3151, 4.1184



Tritanopia

80.8180, 6.0057, -12.9954

Trichromacy



Original Color

80.4220, 3.2430, -13.5251

Protanomaly

82.0210, 1.4686, -4.4034

Deuteranomaly

82.6730, 2.6262, -2.3442

Tritanomaly

80.5900, 5.1321, -12.7954

Monochromacy



Original Color

80.4220, 3.2430, -13.5251

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.6080, 1.1793, -4.9182

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4220, 3.2430, -13.5251 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(65, 87, 87)` looks like.

```
.text, #text, p{  
    color:rgb(65, 87, 87)  
}
```

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(65, 87, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 87, 87) }
```

Border

The CSS property to change the border of an element to YUV 80.4220, 3.2430, -13.5251 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(65, 87, 87) }
```


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

```
.border{ border-color:rgb(65, 87, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 87, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 87, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 87, 87);  
box-shadow:4px 4px 4px 4px rgb(65, 87, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.4220, 3.2430, -13.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 87, 87) }
```

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

```
.background{ background-color: rgb(65, 87,  
87) }
```

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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