

Converting Colors

YUV(81.4220, 3.2430, -13.5251)

Have a look what the booklet for
YUV(81.4220, 3.2430, -13.5251)
contains.

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Color

**YUV(81.4220, 3.2430,
-13.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	425858
RGB	66, 88, 88
RGB Percent	26%, 35%, 35%
CMY	0.7412, 0.6549, 0.6549
CMYK	0.25, 0.00, 0.00, 0.65
HSL	180°, 14%, 30%
HSV	180°, 25%, 35%
XYZ	7.4979, 8.8423, 10.5441
YIQ	81.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

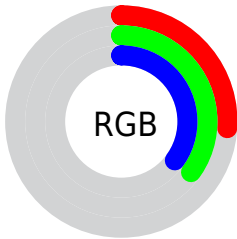
Format	Color
RYB	66, 77, 88
Decimal	4347992
CIELab	35.68, -8.31, -2.74
CIELCh	36, 8.755, 198.250
Yxy	8.8423, 0.2789, 0.3289
Android (android.graphics.Color)	4282538072 (0xFF425858)
YUV	81.4220, 3.2430, -13.5251
Hunter-Lab	29.7360, -7.0291, -0.2084

Details

The YUV color **81.4220, 3.2430, -13.5251** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.5780, -3.2430, 13.5251**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.1230, 3.3904, -14.1399**, and **36.7210, 3.0955, -12.9103** is the 20% darker color. If you saturate the color by 10%, you get **78.7310, 4.5696, -19.0581**, and if you desaturate by 10%, it is **84.1130, 1.9163, -7.9921**.

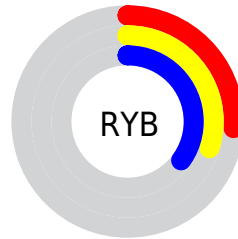
Distribution



Red (26%)

Green (35%)

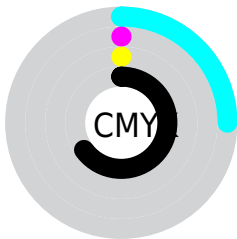
Blue (35%)



Red (26%)

Yellow (30%)

Blue (35%)

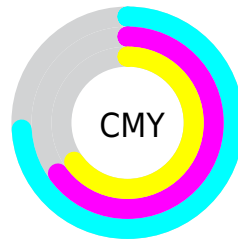


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (65%)



Cyan (74%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4220, 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 81.4220, 3.2430, -13.5251 by changing the saturation by 10% instead.

81.4220, 3.2430,
-13.5251

81.4220, 3.2430,
-13.5251

255.0000, 0.0000,
0.0000

58.4220, 3.2430,
-13.5251

131.1230, 3.3904,
-14.1399

36.7210, 3.0955,
-12.9103

156.8240, 3.5378,
-14.7546

16.0090, 2.9536,
-14.0399

183.8240, 3.5378,
-14.7546

0.0000, 0.0000,
0.0000

211.5250, 3.6852,
-15.3694

240.1120, 3.3958,
-15.8842

253.8040, 0.5896,

-2.4591

■ 81.4220, 3.2430,
-13.5251

■ 81.4220, 3.2430,
-13.5251

■ 78.7310, 4.5696,
-19.0581

■ 84.1130, 1.9163,
-7.9921

■ 76.0400, 5.8963,
-24.5911

■ 86.8040, 0.5896,
-2.4591

■ 73.6480, 7.0755,
-29.5093

■ 89.1960, -0.5896,
2.4591

■ 70.9570, 8.4022,
-35.0423

■ 91.8870, -1.9163,
7.9921

■ 68.2660, 9.7289,
-40.5753

■ 94.5780, -3.2430,
13.5251

■ 65.5750, 11.0555,
-46.1083

■ 97.2690, -4.5696,
19.0581

■ 62.8840, 12.3822,
-51.6413

■ 99.9600, -5.8963,
24.5911

■ 61.6880, 12.9718,
-54.1004

■ 102.3520, -7.0755,
29.5093

■ 105.0430, -8.4022,
35.0423

Harmonies

Analogous

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



81.8200, -0.4043, -10.3661



81.4220, 3.2430, -13.5251



81.8180, 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.



81.4220, 3.2430, -13.5251



85.0590, 3.9149, 4.3333



83.6220, -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.



81.4220, 3.2430, -13.5251



72.5780, -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.



84.3990, -5.1267, 11.0511



81.4220, 3.2430, -13.5251



84.9950, 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.



81.4220, 3.2430, -13.5251



84.2970, 6.2626, -2.0145



85.0940, -2.5113, 12.1956



83.4040, -6.1152, 1.3997

Rectangle

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



81.4220, 3.2430, -13.5251



82.7690, 7.0159, -10.3214



85.0940, -2.5113, 12.1956



84.3340, -6.5737, 8.4771

Sweetspot

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



81.4220, 3.2430, -13.5251



112.3090, 1.3267, -5.5330



78.9140, -6.3666, -11.3256



57.2060, 0.8844, -3.6887



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



81.4220, 3.2430, -13.5251



104.5350, 5.1592, -21.5172



74.9650, 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.



75.0860, 6.3666, 11.3256



94.4550, 10.1287, 18.0180



79.0350, -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 81.4220, 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



This preview shows how the YUV color 81.4220, 3.2430, -13.5251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

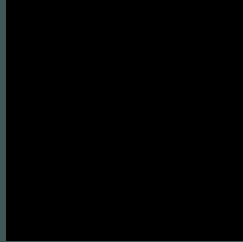
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.4220, 3.2430, -13.5251

Background



This preview shows how black text looks on a background with the YUV color 81.4220, 3.2430, -13.5251.



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

81.4220, 3.2430, -13.5251

Protanopia

83.8260, 0.5788, 1.0296

Deuteranopia

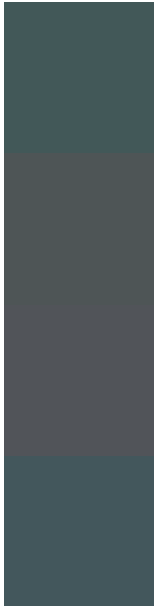
84.3040, 2.3151, 4.1184



Tritanopia

81.8180, 6.0057, -12.9954

Trichromacy



Original Color

81.4220, 3.2430, -13.5251

Protanomaly

83.0210, 1.4686, -4.4034

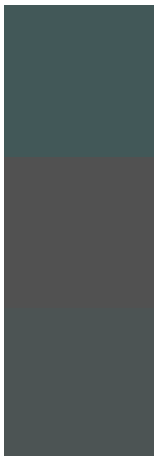
Deuteranomaly

83.6730, 2.6262, -2.3442

Tritanomaly

81.5900, 5.1321, -12.7954

Monochromacy



Original Color

81.4220, 3.2430, -13.5251

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.6080, 1.1793, -4.9182

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4220, 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(66, 88, 88)` looks like.

```
.text, #text, p{  
    color:rgb(66, 88, 88)  
}
```

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(66, 88, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 88, 88) }
```

Border

The CSS property to change the border of an element to YUV 81.4220, 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(66, 88, 88) }
```


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

```
.border{ border-color:rgb(66, 88, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 88, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 88, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 88, 88);  
box-shadow:4px 4px 4px 4px rgb(66, 88, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.4220, 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(66, 88, 88) }
```

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

```
.background{ background-color: rgb(66, 88,  
88) }
```

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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