

Converting Colors

YUV(42.0220, 80.8412, 17.5207)

Have a look what the booklet for
YUV(42.0220, 80.8412, 17.5207)
contains.

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Color

**YUV(42.0220, 80.8412,
17.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	3E00CE
RGB	62, 0, 206
RGB Percent	24%, 0%, 81%
CMY	0.7569, 1.0000, 0.1922
CMYK	0.70, 1.00, 0.00, 0.19
HSL	258°, 100%, 40%
HSV	258°, 100%, 81%
XYZ	13.1272, 5.4804, 58.7585
YIQ	42.0220, -29.1740, 77.2100

Conversions

Conversions Part 2

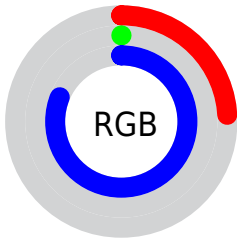
Format	Color
RYB	62, 0, 206
Decimal	4063438
CIELab	28.06, 68.53, -86.86
CIElCh	28, 110.641, 308.273
Yxy	5.4804, 0.1697, 0.0708
Android (android.graphics.Color)	4282253518 (0xFF3E00CE)
YUV	42.0220, 80.8412, 17.5207
Hunter-Lab	23.4102, 59.1255, -132.4280

Details

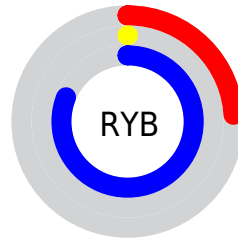
The YUV color **42.0220, 80.8412, 17.5207** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **163.9780, -80.8412, -17.5207**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.1550, 72.3946, 20.0351**, and **17.1000, 65.5197, -14.9967** is the 20% darker color. If you saturate the color by 10%, you get **42.0220, 80.8412, 17.5207**, and if you desaturate by 10%, it is **58.5350, 72.7002, 15.3168**.

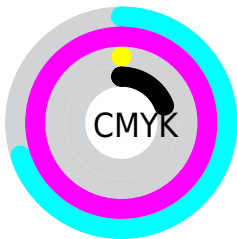
Distribution



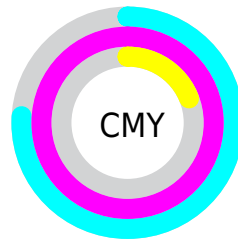
- Red (24%)
- Green (0%)
- Blue (81%)



- Red (24%)
- Yellow (0%)
- Blue (81%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (76%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.0220, 80.8412, 17.5207 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 42.0220, 80.8412, 17.5207 by changing the saturation by 10% instead.

■ 42.0220, 80.8412,
17.5207

■ 42.0220, 80.8412,
17.5207

■ 255.0000, 0.0000,
0.0000

■ 20.2920, 77.7500,
-17.7961

■ 108.1550, 72.3946,
20.0351

■ 17.1000, 65.5197,
-14.9967

■ 133.5720, 59.8640,
25.8084

■ 14.0220, 53.7262,
-12.2973

■ 158.6900, 47.4808,
30.9669

■ 12.2320, 41.7906,
-10.7275

■ 184.3950, 34.8083,
35.6106

■ 12.9040, 29.1343,
-11.3168

■ 209.2140, 22.5725,
40.1543

■ 7.8200, 19.8087,
-6.8581

■ 226.2370, 14.1802,


■ 3.6650, 11.5042,


25.2252


-3.2142


 243.2600, 5.7878,
10.2960

 0.0000, 0.0000,
0.0000


 42.0220, 80.8412,
17.5207

 58.5350, 72.7002,
15.3168

 74.7600, 64.7013,
14.2425

 91.2730, 56.5604,
12.0386

 107.4980, 48.5615,
10.9643

 124.0110, 40.4206,
8.7604

■ 140.5240, 32.2797,
6.5565

■ 156.7490, 24.2807,
5.4821

■ 173.2620, 16.1398,
3.2782

■ 189.4870, 8.1409,
2.2039

Harmonies

Analogous

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



73.1290, 84.7324, -64.1341



42.0220, 80.8412, 17.5207



67.0740, 32.0085, 93.7741

Triad

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



42.0220, 80.8412, 17.5207



55.5940, -27.4078, 64.3771



63.5630, 12.5404, -55.7448

Complementary

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



42.0220, 80.8412, 17.5207



163.9780, -80.8412, -17.5207

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.



51.6560, -25.4664, -45.3023



42.0220, 80.8412, 17.5207



60.2040, -29.6806, -0.1789

Square

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



42.0220, 80.8412, 17.5207



52.9230, -26.0910, 108.8155



49.3080, -24.3088, -43.2431



75.0140, 48.8001, -65.7873

Rectangle

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



42.0220, 80.8412, 17.5207



67.2680, 4.3049, 112.8980



49.3080, -24.3088, -43.2431



59.5560, -0.2741, -52.2306

Sweetspot

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



42.0220, 80.8412, 17.5207



194.5410, 29.8063, 6.5415



108.0120, 48.3081, -94.7265



91.1310, 18.1764, 3.3931



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.



42.0220, 80.8412, 17.5207



52.0930, 100.0332, 21.8434



72.8190, 65.6582, 80.8427



94.0370, 3.9258, 0.8446



33.8740, 65.1381, 14.1425



7.9200, 14.8294, 3.5782

Inverse Universe

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



78.0100, 32.5331, 112.2472



96.5370, 40.1613, 138.9721



133.1810, -65.6582, -80.8427



95.7880, 1.5835, 5.4479



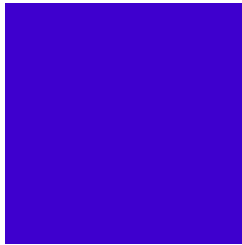
62.8580, 26.1990, 90.4555



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 42.0220, 80.8412, 17.5207 looks on a white background.

Color Contrast Check

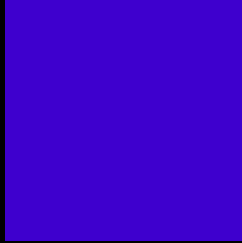
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0220, 80.8412, 17.5207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

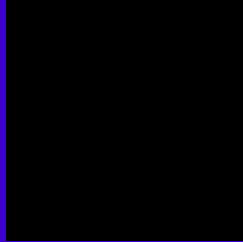
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.0220, 80.8412, 17.5207

Background



This preview shows how black text looks on a background with the YUV color 42.0220, 80.8412, 17.5207.



This preview shows how white text looks on a background with the YUV color 42.0220, 80.8412,

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



Protanopia

54.4740, 41.1783, -47.7737

Deuteranopia

54.4280, 30.8480, -47.7334

Tritanopia

53.7320, 12.9501, -47.1230

Trichromacy



Protanomaly

50.1130, 55.6533, -23.7781

Deuteranomaly

50.2780, 48.6699, -23.9228

Tritanomaly

49.4170, 37.7554, -23.1677

Monochromacy



Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1280, 29.5169, 6.0267

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0220, 80.8412, 17.5207 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(62, 0, 206)` looks like.

```
.text, #text, p{  
    color:rgb(62, 0, 206)  
}
```

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(62, 0, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 0, 206) }
```

Border

The CSS property to change the border of an element to YUV 42.0220, 80.8412, 17.5207 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(62, 0, 206) }
```

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

```
.border{ border-color:rgb(62, 0, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 0, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 0, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 0, 206);  
box-shadow:4px 4px 4px 4px rgb(62, 0, 206)  
}
```


Background

The CSS property to change the background color of an element to YUV 42.0220, 80.8412, 17.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 0, 206) }
```

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

```
.background{ background-color: rgb(62, 0,  
206) }
```

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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