

Converting Colors

YUV(19.2320, 45.2416, 2.4275)

Have a look what the booklet for
YUV(19.2320, 45.2416, 2.4275)
contains.

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Color

**YUV(19.2320, 45.2416,
2.4275)**

Conversions

Conversions Part 1

Format	Color
Hex	16006F
RGB	22, 0, 111
RGB Percent	9%, 0%, 44%
CMY	0.9137, 1.0000, 0.5647
CMYK	0.80, 1.00, 0.00, 0.56
HSL	252°, 100%, 22%
HSV	252°, 100%, 44%
XYZ	3.2001, 1.3183, 15.1247
YIQ	19.2320, -22.5190, 39.1850

Conversions

Conversions Part 2

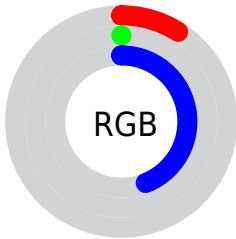
Format	Color
RYB	22, 0, 111
Decimal	1441903
CIELab	11.40, 43.34, -56.33
CIELCh	11, 71.075, 307.572
Yxy	1.3183, 0.1629, 0.0671
Android (android.graphics.Color)	4279631983 (0xFF16006F)
YUV	19.2320, 45.2416, 2.4275
Hunter-Lab	11.4816, 29.6583, -70.0656

Details

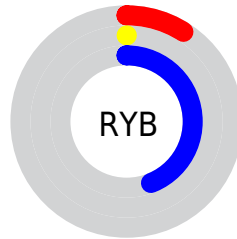
The YUV color **19.2320, 45.2416, 2.4275** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **91.7680, -45.2416, -2.4275**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.8740, 44.9251, 10.6345**, and **7.6550, 26.7921, -6.7134** is the 20% darker color. If you saturate the color by 10%, you get **19.2320, 45.2416, 2.4275**, and if you desaturate by 10%, it is **28.3800, 40.7317, 2.2977**.

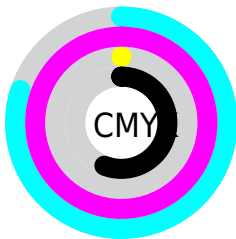
Distribution



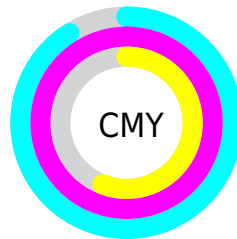
- Red (9%)
- Green (0%)
- Blue (44%)



- Red (9%)
- Yellow (0%)
- Blue (44%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.2320, 45.2416, 2.4275 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 19.2320, 45.2416, 2.4275 by changing the saturation by 10% instead.

■ 19.2320, 45.2416,
2.4275

■ 19.2320, 45.2416,
2.4275

■ 242.6730, 6.0772,
10.8108

■ 9.8040, 37.5646,
-8.5981

■ 72.8740, 44.9251,
10.6345

■ 7.6550, 26.7921,
-6.7134

■ 98.5260, 46.0827,
12.6937

■ 6.2070, 16.1669,
-5.4435

■ 124.7650, 46.9509,
14.2381

■ 2.4110, 6.6994,
-2.1144

■ 152.0040, 47.8190,
15.7825

■ 0.0000, 0.0000,
0.0000

■ 176.3220, 38.7883,
19.0116

■ 201.1410, 26.5525,

23.5553

■ 225.6500, 14.4696,
25.7400

■ 19.2320, 45.2416,
2.4275

■ 28.3800, 40.7317,
2.2977

■ 37.5280, 36.2217,
2.1679

■ 46.6760, 31.7117,
2.0381

■ 55.8240, 27.2018,
1.9084

■ 65.2600, 22.5498,
0.6490

■ 74.4080, 18.0399,
0.5192

■ 83.5560, 13.5299,
0.3894

■ 92.7040, 9.0199,
0.2596

■ 101.8520, 4.5100,
0.1298

Harmonies

Analogous

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



36.8810, 47.3867, -32.3446



19.2320, 45.2416, 2.4275



35.0750, 16.7250, 49.0462

Triad

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



19.2320, 45.2416, 2.4275



23.8430, -11.7546, 36.9717



31.2030, 5.3229, -27.3650

Complementary

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



19.2320, 45.2416, 2.4275



91.7680, -45.2416, -2.4275

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.



25.8280, -12.7332, -22.6512



19.2320, 45.2416, 2.4275



27.7430, -13.6773, 0.2254

Square

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



19.2320, 45.2416, 2.4275



27.8070, -13.7089, 57.1743



24.6540, -12.1544, -21.6216



37.9630, 26.1472, -33.2936

Rectangle

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



19.2320, 45.2416, 2.4275



35.3140, 0.8312, 60.2376



24.6540, -12.1544, -21.6216



28.6780, -1.8133, -25.1506

Sweetspot

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



19.2320, 45.2416, 2.4275



109.2940, 17.6031, 0.6192



66.0710, 22.1500, -57.9443



51.8720, 10.9091, 0.9893



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



19.2320, 45.2416, 2.4275



25.2010, 59.0609, 3.3317



35.3780, 37.2816, 35.6255



51.2820, 2.3260, 0.6297



20.8560, 48.8780, 2.7573



42.8090, 100.6662, 5.4295

Inverse Universe

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



43.3350, 22.5128, 59.3422



56.6930, 29.7314, 77.4452



75.6220, -37.2816, -35.6255



52.3640, 1.2995, 3.1888



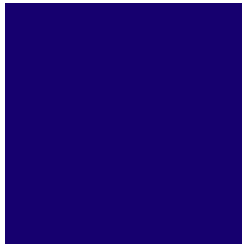
46.8240, 24.2438, 64.1754



96.4250, 50.0765, 132.0543

Previews

White Background



This preview shows how the YUV color 19.2320, 45.2416, 2.4275 looks on a white background.

Color Contrast Check

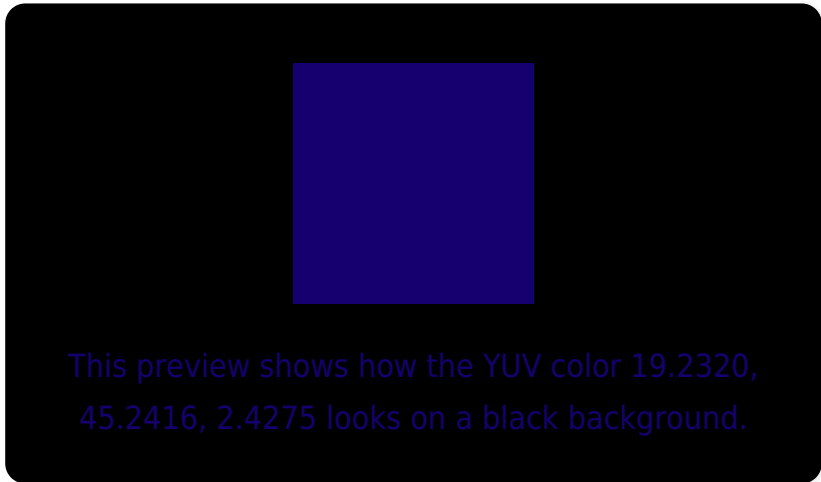
Large Text (above 18pt) WCAG AA ✓ Pass

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

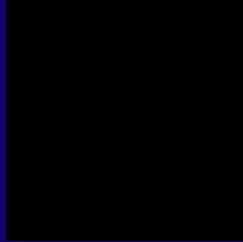
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.2320, 45.2416, 2.4275

Background



This preview shows how black text looks on a background with the YUV color 19.2320, 45.2416, 2.4275.



This preview shows how white text looks on a background with the YUV color 19.2320, 45.2416,

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

28.0520, 21.1734, -24.6016

Deuteranopia

27.9720, 15.7898, -24.5314

Tritanopia

27.5670, 6.6225, -24.1763

Trichromacy



Protanomaly

25.1100, 30.0188, -15.0055

Deuteranomaly

24.8990, 26.6718, -14.8204

Tritanomaly

24.5910, 20.4146, -14.5503

Monochromacy



Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.9520, 16.2927, 0.9191

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.2320, 45.2416, 2.4275 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(22, 0, 111)` looks like.

```
.text, #text, p{  
    color:rgb(22, 0, 111)  
}
```

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(22, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 0, 111) }
```

Border

The CSS property to change the border of an element to YUV 19.2320, 45.2416, 2.4275 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(22, 0, 111) }
```

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

```
.border{ border-color:rgb(22, 0, 111) }
```

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

Here you see how a box with a 4 pixel rgb(22, 0, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 0, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 0, 111);  
box-shadow:4px 4px 4px 4px rgb(22, 0, 111)  
}
```


Background

The CSS property to change the background color of an element to YUV 19.2320, 45.2416, 2.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 0, 111) }
```

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

```
.background{ background-color: rgb(22, 0,  
111) }
```

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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