

Converting Colors

YUV(22.4240, 57.4720, -0.3718)

Have a look what the booklet for
YUV(22.4240, 57.4720, -0.3718)
contains.

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Color

**YUV(22.4240, 57.4720,
-0.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	16008B
RGB	22, 0, 139
RGB Percent	9%, 0%, 55%
CMY	0.9137, 1.0000, 0.4549
CMYK	0.84, 1.00, 0.00, 0.45
HSL	249°, 100%, 27%
HSV	249°, 100%, 55%
XYZ	4.9911, 2.0347, 24.5558
YIQ	22.4240, -31.5070, 47.8930

Conversions

Conversions Part 2

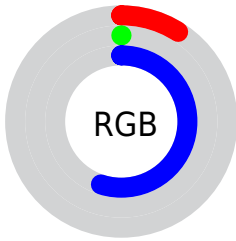
Format	Color
R_{YB}	22, 0, 139
Decimal	1441931
CIE _{Lab}	15.67, 50.74, -67.14
CIE _{LCh}	16, 84.152, 307.078
Yxy	2.0347, 0.1580, 0.0644
Android (android.graphics.Color)	4279632011 (0xFF16008B)
YUV	22.4240, 57.4720, -0.3718
Hunter-Lab	14.2641, 37.4957, -92.0831

Details

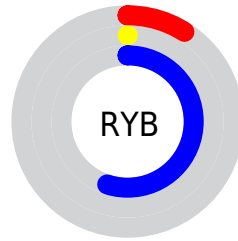
The YUV color **22.4240, 57.4720, -0.3718** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **116.5760, -57.4720, 0.3718**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.6210, 55.4028, 9.9794**, and **9.9180, 38.0014, -8.6981** is the 20% darker color. If you saturate the color by 10%, you get **22.4240, 57.4720, -0.3718**, and if you desaturate by 10%, it is **34.2300, 51.6516, -0.2017**.

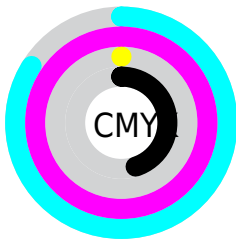
Distribution



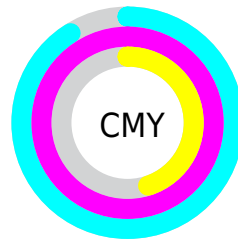
- Red (9%)
- Green (0%)
- Blue (55%)



- Red (9%)
- Yellow (0%)
- Blue (55%)



- Cyan (84%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (91%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.4240, 57.4720, -0.3718 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 22.4240, 57.4720, -0.3718 by changing the saturation by 10% instead.

■ 22.4240, 57.4720,
-0.3718

■ 22.4240, 57.4720,
-0.3718

■ 246.7820, 4.0515,
7.2072

■ 12.8820, 49.3582,
-11.2975

■ 81.6210, 55.4028,
9.9794

■ 9.9180, 38.0014,
-8.6981

■ 108.4580, 55.9762,
12.7533

■ 10.7040, 25.7819,
-9.3874

■ 135.2240, 57.5706,
14.7126

■ 6.3210, 16.6037,
-5.5435

■ 159.4990, 47.0820,
18.8564

■ 2.6390, 7.5730,
-2.3144

■ 184.3180, 34.8462,
23.4001

■ 0.0000, 0.0000,
0.0000

■ 209.1370, 22.6105,

27.9439

■ 230.3460, 12.1544,
21.6216

■ 22.4240, 57.4720,
-0.3718

■ 34.2300, 51.6516,
-0.2017

■ 45.7370, 45.9787,
-0.6463

■ 57.5430, 40.1583,
-0.4762

■ 69.3490, 34.3379,
-0.3061

■ 80.8560, 28.6650,
-0.7507

■ 92.0750, 23.1340,
-0.0658

■ 103.8810, 17.3137,
0.1044

■ 115.6870, 11.4933,
0.2745

■ 127.1940, 5.8204,
-0.1701

Harmonies

Analogous

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



46.9860, 58.1809, -41.2067



22.4240, 57.4720, -0.3718



43.7050, 21.3444, 60.7717

Triad

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



22.4240, 57.4720, -0.3718



29.8120, -14.6973, 47.5229



38.9140, 6.9444, -34.1276

Complementary

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



22.4240, 57.4720, -0.3718



116.5760, -57.4720, 0.3718

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.



32.2850, -15.9165, -28.3139



22.4240, 57.4720, -0.3718



35.7170, -17.6085, 1.1252

Square

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



22.4240, 57.4720, -0.3718



34.9830, -17.2466, 71.9289



30.5240, -15.0483, -26.7695



48.1020, 31.9947, -42.1855

Rectangle

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



22.4240, 57.4720, -0.3718



44.0430, 1.9508, 74.5073



30.5240, -15.0483, -26.7695



36.5200, -2.2284, -32.0280

Sweetspot

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



22.4240, 57.4720, -0.3718



135.5480, 22.4078, -0.4806



85.1120, 26.5668, -74.6432



64.2570, 13.6773, -0.2254



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



22.4240, 57.4720, -0.3718



29.3050, 74.7856, -0.2675



42.7560, 47.4483, 41.4330



63.0970, 2.9102, -0.0851



21.4410, 54.9986, -0.3868



0.8690, 2.0366, 0.1149

Inverse Universe

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



54.8990, 30.6158, 73.7566



71.4470, 39.7126, 96.0780



96.2440, -47.4483, -41.4330



64.7770, 1.5889, 3.7036



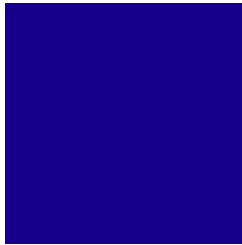
52.5350, 29.3162, 70.5678



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 22.4240, 57.4720, -0.3718 looks on a white background.

Color Contrast Check

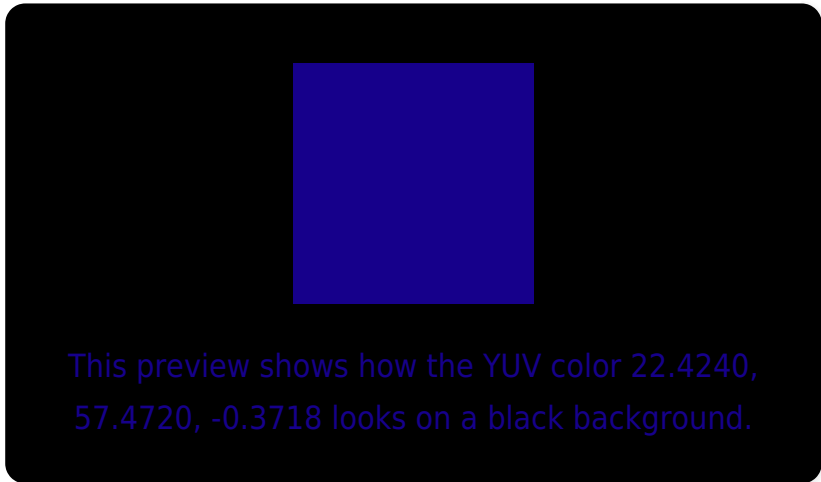
Large Text (above 18pt) WCAG AA ✓ Pass

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

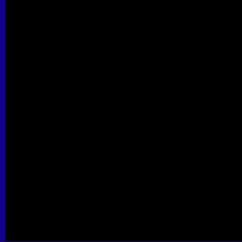
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.4240, 57.4720, -0.3718

Background



This preview shows how black text looks on a background with the YUV color 22.4240, 57.4720, -0.3718.



This preview shows how white text looks on a background with the YUV color 22.4240, 57.4720,

-0.3718.

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

34.5720, 25.8470, -30.3196

Deuteranopia

34.2640, 19.5898, -30.0495

Tritanopia

33.8760, 7.9491, -29.7093

Trichromacy



Protanomaly

30.3250, 37.3078, -19.5790

Deuteranomaly

30.0000, 33.5240, -19.2940

Tritanomaly

29.9370, 25.6671, -19.2387

Monochromacy



Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.2060, 21.0974, -0.1807

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.4240, 57.4720, -0.3718 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(22, 0, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 0, 139) }
```

Border

The CSS property to change the border of an element to YUV 22.4240, 57.4720, -0.3718 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, 139) }
```

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

```
.border{ border-color:rgb(22, 0, 139) }
```

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, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(22, 0, 139)  
}
```


Background

The CSS property to change the background color of an element to YUV 22.4240, 57.4720, -0.3718 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, 139) }
```

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

```
.background{ background-color: rgb(22, 0,  
139) }
```

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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