

Converting Colors

YUV(21.8760, 4.9911, 32.5577)

Have a look what the booklet for
YUV(21.8760, 4.9911, 32.5577)
contains.

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Color

**YUV(21.8760, 4.9911,
32.5577)**

Conversions

Conversions Part 1

Format	Color
Hex	3B0120
RGB	59, 1, 32
RGB Percent	23%, 0%, 13%
CMY	0.7686, 0.9961, 0.8745
CMYK	0.00, 0.98, 0.46, 0.77
HSL	328°, 97%, 12%
HSV	328°, 98%, 23%
XYZ	2.0752, 1.0558, 1.4609
YIQ	21.8760, 24.6170, 21.9370

Conversions

Conversions Part 2

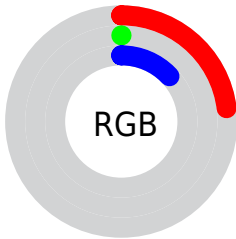
Format	Color
R _Y B	59, 1, 32
Decimal	3866912
CIE Lab	9.45, 30.06, -3.65
CIE LCh	9, 30.279, 353.078
Yxy	1.0558, 0.4519, 0.2299
Android (android.graphics.Color)	4282056992 (0xFF3B0120)
YUV	21.8760, 4.9911, 32.5577
Hunter-Lab	10.2752, 18.0685, -1.2371

Details

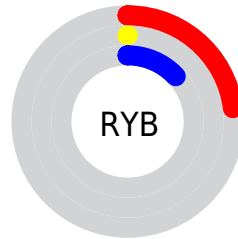
The YUV color **21.8760, 4.9911, 32.5577** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **38.1240, -4.9911, -32.5577**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.0180, 2.9491, 34.1872**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.2890, 5.2805, 33.0725**, and if you desaturate by 10%, it is **25.7400, 4.5652, 29.1690**.

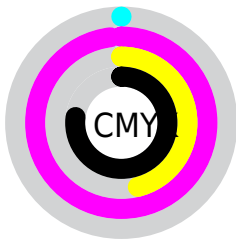
Distribution



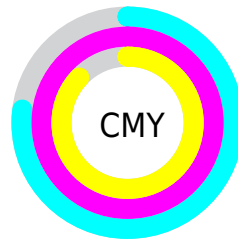
- Red (23%)
- Green (0%)
- Blue (13%)



- Red (23%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (98%)
- Yellow (46%)
- Black (77%)



- Cyan (77%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.8760, 4.9911, 32.5577 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 21.8760, 4.9911, 32.5577 by changing the saturation by 10% instead.

■ 21.8760, 4.9911,
32.5577

■ 21.8760, 4.9911,
32.5577

■ 242.0860, 6.3666,
11.3256

■ 12.8720, -2.4019,
23.7913

■ 70.0180, 2.9491,
34.1872

■ 0.0000, 0.0000,
0.0000

■ 94.9150, 2.5069,
36.0315

■ 120.5130, 2.2121,
37.2611

■ 146.4100, 1.7699,
39.1054

■ 173.7090, 1.6225,
39.7202

■ 201.4210, 1.7644,

40.8498

 222.5550, 5.1494,
28.4543

 21.8760, 4.9911,
32.5577

 21.8760, 4.9911,
32.5577


 21.2890, 5.2805,
33.0725

 25.7400, 4.5652,
29.1690

 29.4900, 3.7024,
25.8803

 33.3540, 3.2765,
22.4915

 37.2180, 2.8505,
19.1028

 40.4950, 2.7140,
16.2289

■ 44.2450, 1.8512,
12.9401

■ 48.1090, 1.4253,
9.5514

■ 51.9730, 0.9993,
6.1627

■ 55.8370, 0.5734,
2.7740

Harmonies

Analogous

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



25.7260, 12.4601, 16.9033



21.8760, 4.9911, 32.5577



20.7980, -6.8024, 35.2572

Triad

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



21.8760, 4.9911, 32.5577



23.2910, -11.4825, -3.7632



26.6840, 15.9318, -23.4019

Complementary

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



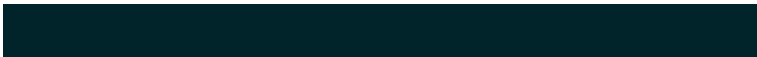
21.8760, 4.9911, 32.5577



38.1240, -4.9911, -32.5577

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.



25.9200, 7.9274, -22.7318



21.8760, 4.9911, 32.5577



19.9580, -9.8393, -17.5032

Square

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



21.8760, 4.9911, 32.5577



25.4500, -12.5468, 11.0064



23.5260, -1.2453, -20.6323



25.2480, 20.5837, -22.1425

Rectangle

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



21.8760, 4.9911, 32.5577



22.6140, -11.1487, 29.2795



23.5260, -1.2453, -20.6323



26.7010, 13.4584, -23.4168

Sweetspot

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



21.8760, 4.9911, 32.5577



62.2450, 1.8512, 12.9401



15.3860, 21.5017, 10.1855



29.6850, 1.1413, 7.2923



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



21.8760, 4.9911, 32.5577



27.6970, 6.5584, 43.2387



18.6840, -7.2392, 35.3571



29.0110, -0.0054, 1.7444



33.8060, 7.9836, 52.7901



79.9440, 19.2546, 124.5831

Inverse Universe

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



21.8760, 4.9911, 32.5577



27.6970, 6.5584, 43.2387



41.3160, 7.2392, -35.3571



29.0110, -0.0054, 1.7444



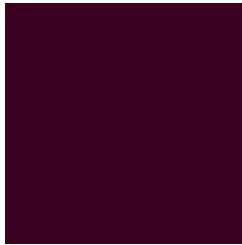
33.8060, 7.9836, 52.7901



79.9440, 19.2546, 124.5831

Previews

White Background



This preview shows how the YUV color 21.8760, 4.9911, 32.5577 looks on a white background.

Color Contrast Check

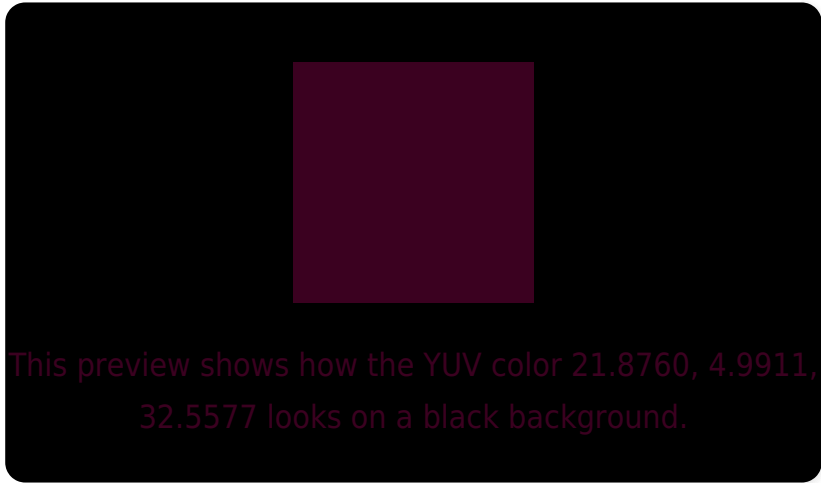
Large Text (above 18pt) WCAG AA ✓ Pass

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

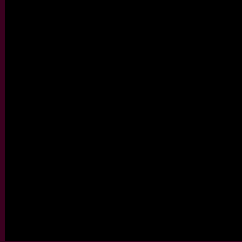
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.8760, 4.9911, 32.5577

Background



This preview shows how black text looks on a background with the YUV color 21.8760, 4.9911, 32.5577.



This preview shows how white text looks on a background with the YUV color 21.8760, 4.9911, 32.5577.

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

21.8760, 4.9911, 32.5577

Protanopia

30.6280, 7.5784, -4.0588

Deuteranopia

31.1960, -0.5896, 2.4591



Tritanopia

26.4550, -6.6333, 27.6650

Trichromacy



Original Color

21.8760, 4.9911, 32.5577

Protanomaly

27.1890, 6.8088, 9.4812

Deuteranomaly

27.5440, 1.7038, 13.5549

Tritanomaly

24.9050, -2.4182, 29.0243

Monochromacy



Original Color

21.8760, 4.9911, 32.5577

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.6470, 2.1460, 11.7106

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.8760, 4.9911, 32.5577 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(59, 1, 32)` looks like.

```
.text, #text, p{  
    color:rgb(59, 1, 32)  
}
```

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(59, 1, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 1, 32) }
```

Border

The CSS property to change the border of an element to YUV 21.8760, 4.9911, 32.5577 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(59, 1, 32) }
```


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

```
.border{ border-color:rgb(59, 1, 32) }
```

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

Here you see how a box with a 4 pixel rgb(59, 1, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 1, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 1, 32); box-shadow:4px  
4px 4px 4px rgb(59, 1, 32) }
```

Background

The CSS property to change the background color of an element to YUV 21.8760, 4.9911, 32.5577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 1, 32) }
```

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

```
.background{ background-color: rgb(59, 1,  
32) }
```

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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