

Converting Colors

YUV(21.8460, 6.9779, 1.8891)

Have a look what the booklet for
YUV(21.8460, 6.9779, 1.8891)
contains.

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Color

**YUV(21.8460, 6.9779,
1.8891)**

Conversions

Conversions Part 1

Format	Color
Hex	181224
RGB	24, 18, 36
RGB Percent	9%, 7%, 14%
CMY	0.9059, 0.9294, 0.8588
CMYK	0.33, 0.50, 0.00, 0.86
HSL	260°, 33%, 11%
HSV	260°, 50%, 14%
XYZ	0.9114, 0.7542, 1.7666
YIQ	21.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

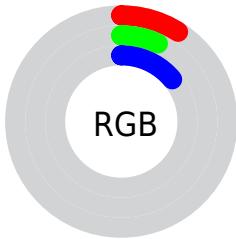
Format	Color
RYB	24, 18, 36
Decimal	1577508
CIELab	6.81, 7.90, -11.30
CIElCh	7, 13.786, 304.947
Yxy	0.7542, 0.2656, 0.2197
Android (android.graphics.Color)	4279767588 (0xFF181224)
YUV	21.8460, 6.9779, 1.8891
Hunter-Lab	8.6843, 3.5362, -5.9819

Details

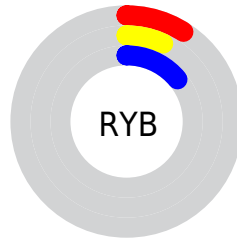
The YUV color **21.8460, 6.9779, 1.8891** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **32.1540, -6.9779, -1.8891**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.4870, 8.1409, 2.2039**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.9000, 8.4303, 2.7187**, and if you desaturate by 10%, it is **24.7920, 5.5255, 1.0594**.

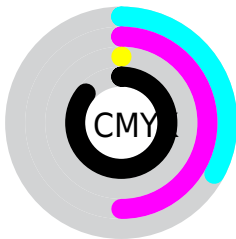
Distribution



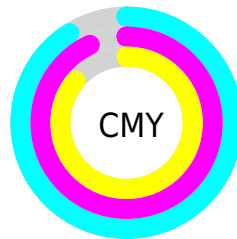
- Red (9%)
- Green (7%)
- Blue (14%)



- Red (9%)
- Yellow (7%)
- Blue (14%)



- Cyan (33%)
- Magenta (50%)
- Yellow (0%)
- Black (86%)



- Cyan (91%)
- Magenta (93%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.8460, 6.9779, 1.8891 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 21.8460, 6.9779, 1.8891 by changing the saturation by 10% instead.

■ 21.8460, 6.9779,
1.8891

■ 21.8460, 6.9779,
1.8891

■ 246.1730, 4.3517,
4.2333

■ 2.1830, 5.8258,
-1.9145

■ 64.4870, 8.1409,
2.2039

■ 0.0000, 0.0000,
0.0000

■ 87.9000, 8.4303,
2.7187

■ 112.0140, 8.8671,
2.6187

■ 138.0140, 8.8671,
2.6187

■ 164.4270, 9.1565,
3.1335

■ 191.4270, 9.1565,

3.1335

■ 218.9540, 9.8827,
3.5483

■ 21.8460, 6.9779,
1.8891

■ 21.8460, 6.9779,
1.8891

■ 18.9000, 8.4303,
2.7187

■ 24.7920, 5.5255,
1.0594

■ 16.2420, 9.7407,
2.4188

■ 27.4500, 4.2152,
1.3594

■ 13.2960, 11.1931,
3.2484

■ 30.3960, 2.7628,
0.5297

■ 10.6380, 12.5035,
2.9485

■ 33.0540, 1.4524,
0.8296

■ 7.6920, 13.9558,
3.7781

■ 36.0000, 0.0000,
0.0000

■ 38.9460, -1.4524,
-0.8296

■ 41.6040, -2.7628,
-0.5297

■ 44.5500, -4.2151,
-1.3593

■ 47.2080, -5.5255,
-1.0594

Harmonies

Analogous

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



19.7520, 9.4893, -10.3065



21.8460, 6.9779, 1.8891



22.2770, 3.3144, 10.2811

Triad

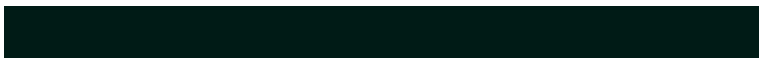
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.8460, 6.9779, 1.8891



20.1450, -9.9315, 12.1508



18.3570, 1.7960, -16.0991

Complementary

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



21.8460, 6.9779, 1.8891



32.1540, -6.9779, -1.8891

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.



16.4020, -3.1562, -14.3846



21.8460, 6.9779, 1.8891



20.4000, -10.0572, 5.7882

Square

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



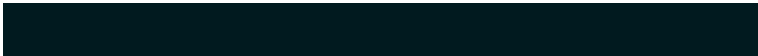
21.8460, 6.9779, 1.8891



20.2640, -7.0322, 15.5545



18.8720, -9.3039, -2.5187



18.7960, 6.0166, -16.4841

Rectangle

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



21.8460, 6.9779, 1.8891



21.3160, 0.8302, 13.7549



18.8720, -9.3039, -2.5187



18.0150, 0.4856, -15.7992

Sweetspot

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



21.8460, 6.9779, 1.8891



40.3960, 2.7628, 0.5297



27.0960, 4.3897, -7.9772



19.7550, 1.5998, 0.2149



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



21.8460, 6.9779, 1.8891



24.1820, 10.7563, 3.3484



24.5370, 5.6513, 7.4221



16.5270, 0.7262, 0.4148



17.4210, 31.8374, 8.4008



44.7560, 80.9723, 22.1390

Inverse Universe

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



24.7500, 2.5882, 9.8663



28.5380, 4.1718, 15.3142



29.4630, -5.6513, -7.4221



16.7120, 0.1420, 1.1296



30.6740, 11.4997, 45.0129



78.3370, 29.9069, 114.5915

Previews

White Background



This preview shows how the YUV color 21.8460, 6.9779, 1.8891 looks on a white background.

Color Contrast Check

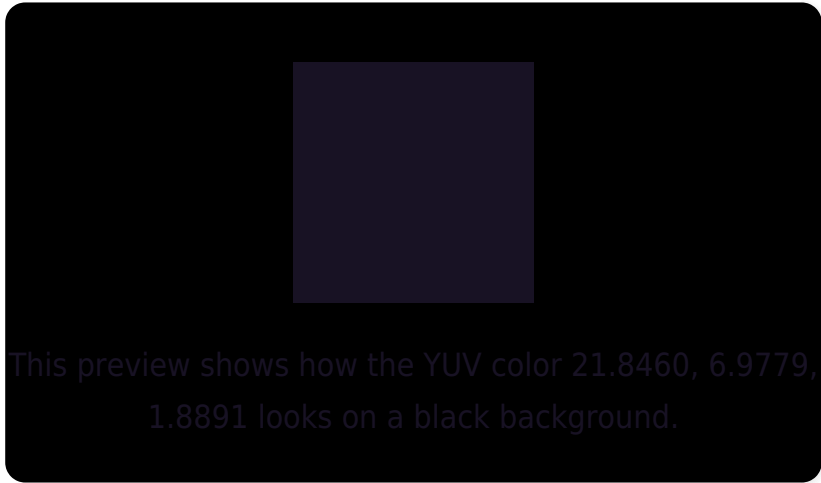
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8460, 6.9779, 1.8891

Background



This preview shows how black text looks on a background with the YUV color 21.8460, 6.9779, 1.8891.



This preview shows how white text looks on a background with the YUV color 21.8460, 6.9779,

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

21.8460, 6.9779, 1.8891

Protanopia

20.6600, 9.0416, -6.7178

Deuteranopia

19.9050, 7.4418, -6.9327



Tritanopia

21.2280, 0.8736, -0.2000

Trichromacy



Original Color

21.8460, 6.9779, 1.8891

Protanomaly

21.1550, 8.3046, -3.6439

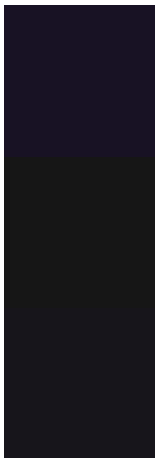
Deuteranomaly

20.5140, 7.1416, -3.9588

Tritanomaly

21.5100, 3.1996, 0.4297

Monochromacy



Original Color

21.8460, 6.9779, 1.8891

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.2820, 2.3260, 0.6297

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.8460, 6.9779, 1.8891 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(24, 18, 36)` looks like.

```
.text, #text, p{  
    color:rgb(24, 18, 36)  
}
```

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(24, 18, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 18, 36) }
```

Border

The CSS property to change the border of an element to YUV 21.8460, 6.9779, 1.8891 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(24, 18, 36) }
```


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

```
.border{ border-color:rgb(24, 18, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 18, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 18, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 18, 36);  
box-shadow:4px 4px 4px 4px rgb(24, 18, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 21.8460, 6.9779, 1.8891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 18, 36) }
```

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

```
.background{ background-color: rgb(24, 18,  
36) }
```

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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