

Converting Colors

YUV(21.8820, -7.8298, -8.6665)

Have a look what the booklet for
YUV(21.8820, -7.8298, -8.6665)
contains.

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Color

**YUV(21.8820, -7.8298,
-8.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1E06
RGB	12, 30, 6
RGB Percent	5%, 12%, 2%
CMY	0.9529, 0.8824, 0.9765
CMYK	0.60, 0.00, 0.80, 0.88
HSL	105°, 67%, 7%
HSV	105°, 80%, 12%
XYZ	0.6488, 1.0199, 0.3350
YIQ	21.8820, -3.0240, -11.2800

Conversions

Conversions Part 2

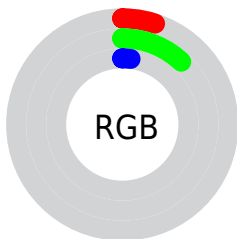
Format	Color
RYB	6, 30, 24
Decimal	794118
CIELab	9.16, -12.89, 10.99
CIELCh	9, 16.941, 139.534
Yxy	1.0199, 0.3238, 0.5090
Android (android.graphics.Color)	4278984198 (0xFF0C1E06)
YUV	21.8820, -7.8298, -8.6665
Hunter-Lab	10.0988, -6.2058, 5.1026

Details

The YUV color **21.8820, -7.8298, -8.6665** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.1180, 7.8298, 8.6665**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.3980, -7.0982, -9.9960**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.9420, -8.8454, -9.5961**, and if you desaturate by 10%, it is **22.8220, -6.8142, -7.7369**.

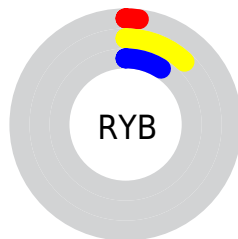
Distribution



Red (5%)

Green (12%)

Blue (2%)



Red (2%)

Yellow (12%)

Blue (9%)

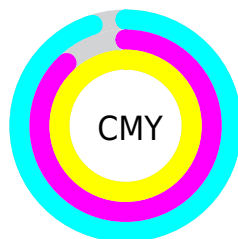


Cyan (60%)

Magenta (0%)

Yellow (80%)

Black (88%)



Cyan (95%)

Magenta (88%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.8820, -7.8298, -8.6665 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 21.8820, -7.8298, -8.6665 by changing the saturation by 10% instead.

■ 21.8820, -7.8298,
-8.6665

■ 21.8820, -7.8298,
-8.6665

■ 246.2840, -7.5350,
-9.8961

■ 0.0000, 0.0000,
0.0000

■ 65.3980, -7.0982,
-9.9960

■ 88.9850, -7.3876,
-10.5108

■ 113.5720, -7.6770,
-11.0256

■ 138.5720, -7.6770,
-11.0256

■ 165.4580, -8.1138,
-10.9257

■ 192.0450, -8.4032,

-11.4405

■ 220.6320, -8.6926,
-11.9553

■ 21.8820, -7.8298,
-8.6665

■ 21.8820, -7.8298,
-8.6665

■ 20.9420, -8.8454,
-9.5961

■ 22.8220, -6.8142,
-7.7369

■ 19.7030, -9.7136,
-11.1405

■ 23.7620, -5.7987,
-6.8073

■ 25.0010, -4.9305,
-5.2629

■ 25.9410, -3.9149,
-4.3333

■ 26.8810, -2.8993,
-3.4036

■ 27.8210, -1.8838,
-2.4740

■ 29.0600, -1.0156,
-0.9296

■ 30.0000, 0.0000,
0.0000

■ 30.9400, 1.0156,
0.9296

Harmonies

Analogous

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



23.9220, -11.7935, 2.6994



21.8820, -7.8298, -8.6665



21.1780, -0.0878, -18.5731

Triad

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



21.8820, -7.8298, -8.6665



21.9080, 12.8634, -19.2133



25.4970, -3.6960, 18.8581

Complementary

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



21.8820, -7.8298, -8.6665



14.1180, 7.8298, 8.6665

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.



26.2670, 1.8404, 16.4288



21.8820, -7.8298, -8.6665



25.1270, 10.7834, -5.3734

Square

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



21.8820, -7.8298, -8.6665



23.0990, 9.8112, -20.2578



27.1780, 6.8142, 7.7369



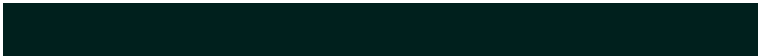
24.6510, -10.6739, 16.9691

Rectangle

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



21.8820, -7.8298, -8.6665



22.0900, 3.4066, -19.3729



27.1780, 6.8142, 7.7369



26.0670, -1.5120, 18.3582

Sweetspot

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



21.8820, -7.8298, -8.6665



34.8810, -2.8993, -3.4036



23.7420, -8.7468, 5.4883



18.1200, -2.0312, -1.8592



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



21.8820, -7.8298, -8.6665



25.8230, -11.7447, -12.9998



20.7720, -4.3246, -12.9550



14.5870, -0.2894, -0.5148



52.3530, -25.8100, -28.3736



137.0570, -67.5691, -74.5950

Inverse Universe

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



14.1180, 7.8298, 8.6665



14.1770, 11.7447, 12.9998



15.2280, 4.3246, 12.9550



14.4130, 0.2894, 0.5148



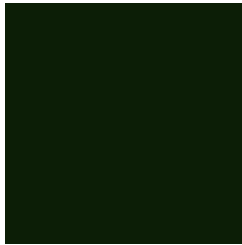
26.6470, 25.8100, 28.3736



69.9430, 67.5691, 74.5950

Previews

White Background



This preview shows how the YUV color 21.8820, -7.8298, -8.6665 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

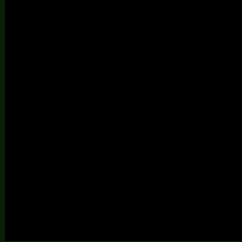
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.8820, -7.8298, -8.6665

Background



This preview shows how black text looks on a background with the YUV color 21.8820, -7.8298, -8.6665.



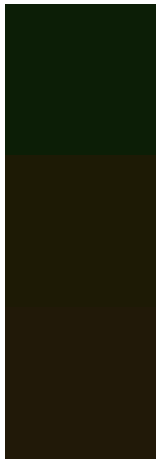
This preview shows how white text looks on a background with the YUV color 21.8820, -7.8298,

-8.6665.

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

21.8820, -7.8298, -8.6665

Protanopia

24.5030, -9.6150, 3.9439

Deuteranopia

25.4540, -8.6048, 6.6178



Tritanopia

24.9390, 2.4951, -6.9625

Trichromacy



Original Color

21.8820, -7.8298, -8.6665

Protanomaly

23.2960, -9.0199, -0.2596

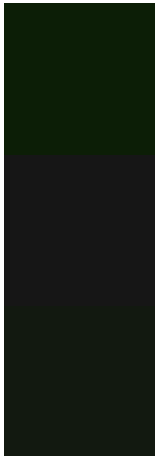
Deuteranomaly

24.1220, -8.4411, 0.7700

Tritanomaly

23.9020, -1.4307, -7.8071

Monochromacy



Original Color

21.8820, -7.8298, -8.6665

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.8810, -2.8993, -3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.8820, -7.8298, -8.6665 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(12, 30, 6)` looks like.

```
.text, #text, p{  
    color:rgb(12, 30, 6)  
}
```

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(12, 30, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 30, 6) }
```

Border

The CSS property to change the border of an element to YUV 21.8820, -7.8298, -8.6665 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(12, 30, 6) }
```


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

```
.border{ border-color:rgb(12, 30, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 30, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 30, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(12, 30, 6); box-shadow:4px  
4px 4px 4px rgb(12, 30, 6) }
```

Background

The CSS property to change the background color of an element to YUV 21.8820, -7.8298, -8.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 30, 6) }
```

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

```
.background{ background-color: rgb(12, 30,  
6) }
```

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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