

Converting Colors

YUV(21.4160, -7.6001, 11.0362)

Have a look what the booklet for
YUV(21.4160, -7.6001, 11.0362)
contains.

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Color

**YUV(21.4160, -7.6001,
11.0362)**

Conversions

Conversions Part 1

Format	Color
Hex	221206
RGB	34, 18, 6
RGB Percent	13%, 7%, 2%
CMY	0.8667, 0.9294, 0.9765
CMYK	0.00, 0.47, 0.82, 0.87
HSL	26°, 70%, 8%
HSV	26°, 82%, 13%
XYZ	0.9089, 0.7858, 0.2761
YIQ	21.4160, 13.3880, -0.3400

Conversions

Conversions Part 2

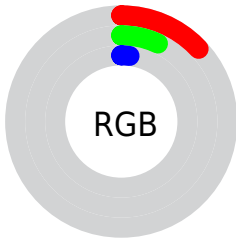
Format	Color
RYB	34, 27, 6
Decimal	2232838
CIELab	7.10, 6.56, 8.29
CIELCh	7, 10.574, 51.627
Yxy	0.7858, 0.4612, 0.3987
Android (android.graphics.Color)	4280422918 (0xFF221206)
YUV	21.4160, -7.6001, 11.0362
Hunter-Lab	8.8648, 2.7874, 4.3589

Details

The YUV color **21.4160, -7.6001, 11.0362** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **18.5840, 7.6001, -11.0362**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.4700, -6.1477, 11.8658**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.9000, -8.3317, 12.3657**, and if you desaturate by 10%, it is **22.9320, -6.8685, 9.7066**.

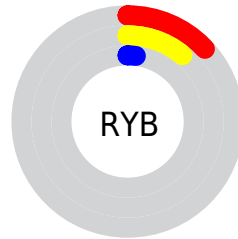
Distribution



Red (13%)

Green (7%)

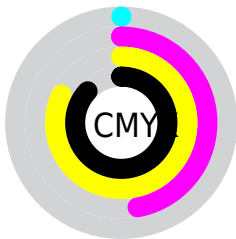
Blue (2%)



Red (13%)

Yellow (11%)

Blue (2%)

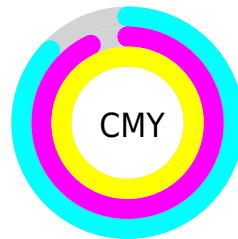


Cyan (0%)

Magenta (47%)

Yellow (82%)

Black (87%)



Cyan (87%)

Magenta (93%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.4160, -7.6001, 11.0362 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 21.4160, -7.6001, 11.0362 by changing the saturation by 10% instead.

■ 21.4160, -7.6001,
11.0362

■ 21.4160, -7.6001,
11.0362

■ 244.6330, -6.7211,
9.0919

■ 0.0000, 0.0000,
0.0000

■ 64.4700, -6.1477,
11.8658

■ 87.9540, -6.8793,
13.1953

■ 112.2530, -7.0267,
13.8101

■ 138.1390, -7.4635,
13.9101

■ 164.4380, -7.6109,
14.5249

■ 191.6230, -8.1951,

15.2396

■ 219.0360, -7.9057,
15.7544

■ 21.4160, -7.6001,
11.0362

■ 21.4160, -7.6001,
11.0362

■ 19.9000, -8.3317,
12.3657

■ 22.9320, -6.8685,
9.7066

■ 18.9710, -9.3527,
13.1804

■ 24.5620, -5.7001,
8.2771

■ 26.0780, -4.9685,
6.9476

■ 27.7080, -3.8000,
5.5181

■ 29.2240, -3.0684,
4.1886

■ 30.7400, -2.3368,
2.8590

■ 32.3700, -1.1684,
1.4295

■ 33.8860, -0.4368,
0.1000

■ 34.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



21.9800, -2.9481, 12.2955



21.4160, -7.6001, 11.0362



20.7100, -10.2100, 8.1473

Triad

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



21.4160, -7.6001, 11.0362



17.4280, 0.7750, -15.2844



22.2970, 6.2626, -2.0145

Complementary

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



21.4160, -7.6001, 11.0362



18.5840, 7.6001, -11.0362

Split Complementary

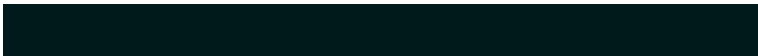
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



19.8830, 7.4527, -10.4214



21.4160, -7.6001, 11.0362



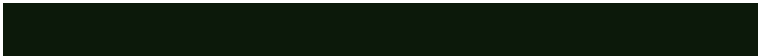
18.3400, 4.2694, -16.0842

Square

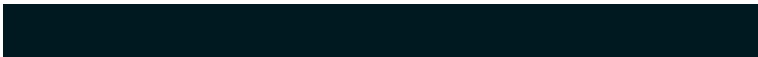
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.4160, -7.6001, 11.0362



19.4030, -4.6357, -6.4924



18.3230, 6.7428, -16.0693



22.6570, 3.6201, 5.5628

Rectangle

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



21.4160, -7.6001, 11.0362



20.5030, -9.6150, 3.9439



18.3230, 6.7428, -16.0693



21.1010, 6.8522, -4.4736

Sweetspot

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



21.4160, -7.6001, 11.0362



38.3380, -2.6316, 4.0886



16.1960, 2.8614, 15.6141



19.8540, -1.9000, 2.7590



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.



21.4160, -7.6001, 11.0362



24.0100, -11.8369, 16.6542



29.6340, -11.6516, 3.8290



17.1850, -0.5842, 0.7148



45.0630, -22.2161, 32.3937



115.3210, -56.8533, 82.1565

Inverse Universe

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



18.5840, 7.6001, -11.0362



19.5770, 11.5475, -17.1690



10.3660, 11.6516, -3.8290



16.8150, 0.5842, -0.7148



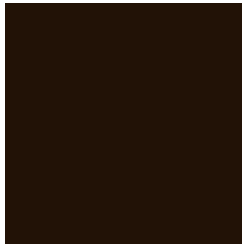
36.9370, 22.2161, -32.3937



93.6790, 56.8533, -82.1565

Previews

White Background



This preview shows how the YUV color 21.4160, -7.6001, 11.0362 looks on a white background.

Color Contrast Check

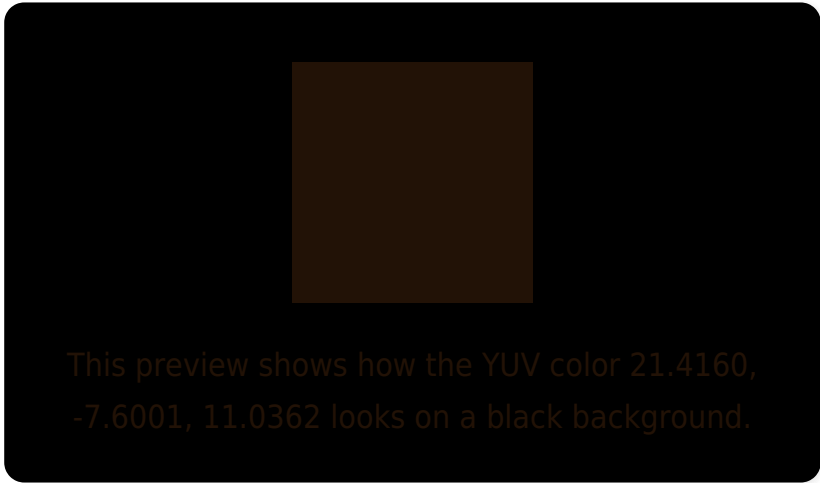
Large Text (above 18pt) WCAG AA ✓ Pass

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

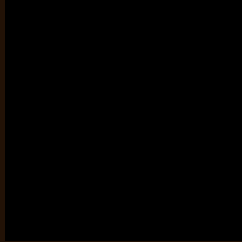
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.4160, -7.6001, 11.0362

Background



This preview shows how black text looks on a background with the YUV color 21.4160, -7.6001, 11.0362.



This preview shows how white text looks on a background with the YUV color 21.4160, -7.6001,

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

21.4160, -7.6001, 11.0362

Protanopia

21.1870, -6.9942, 3.3440

Deuteranopia

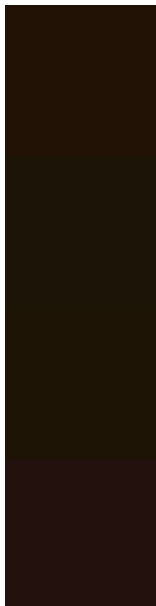
21.2690, -8.0206, 5.9031



Tritanopia

22.4960, -2.2165, 10.9660

Trichromacy



Original Color

21.4160, -7.6001, 11.0362

Protanomaly

21.4970, -7.1470, 5.7031

Deuteranomaly

21.2800, -8.0260, 7.6474

Tritanomaly

22.0400, -3.9637, 11.3659

Monochromacy



Original Color

21.4160, -7.6001, 11.0362

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.3380, -2.6316, 4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.4160, -7.6001, 11.0362 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(34, 18, 6)` looks like.

```
.text, #text, p{  
    color:rgb(34, 18, 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(34, 18, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 18, 6) }
```

Border

The CSS property to change the border of an element to YUV 21.4160, -7.6001, 11.0362 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(34, 18, 6) }
```


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

```
.border{ border-color:rgb(34, 18, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 18, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 18, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 18, 6); box-shadow:4px  
4px 4px 4px rgb(34, 18, 6) }
```

Background

The CSS property to change the background color of an element to YUV 21.4160, -7.6001, 11.0362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 18, 6) }
```

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

```
.background{ background-color: rgb(34, 18,  
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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