

Converting Colors

YUV(22.2280, 41.2996, 6.8160)

Have a look what the booklet for
YUV(22.2280, 41.2996, 6.8160)
contains.

YUV(22.2280, 41.2996, 6.8160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(22.2280, 41.2996,
6.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	1E026A
RGB	30, 2, 106
RGB Percent	12%, 1%, 42%
CMY	0.8824, 0.9922, 0.5843
CMYK	0.72, 0.98, 0.00, 0.58
HSL	256°, 96%, 21%
HSV	256°, 98%, 42%
XYZ	3.1586, 1.3600, 13.7317
YIQ	22.2280, -16.6960, 38.2800

Conversions

Conversions Part 2

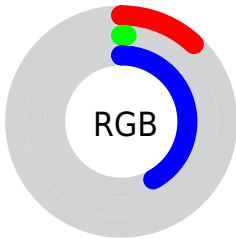
Format	Color
RYB	30, 2, 106
Decimal	1966698
CIELab	11.69, 41.40, -52.56
CIELCh	12, 66.906, 308.230
Yxy	1.3600, 0.1731, 0.0745
Android (android.graphics.Color)	4280156778 (0xFF1E026A)
YUV	22.2280, 41.2996, 6.8160
Hunter-Lab	11.6621, 27.9376, -61.6484

Details

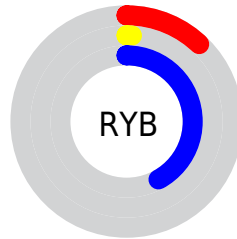
The YUV color **22.2280, 41.2996, 6.8160** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **85.7720, -41.2996, -6.8160**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.3750, 41.7201, 11.9491**, and **7.0850, 24.6081, -6.2135** is the 20% darker color. If you saturate the color by 10%, you get **20.7550, 42.0258, 7.2309**, and if you desaturate by 10%, it is **31.0770, 36.9370, 6.0715**.

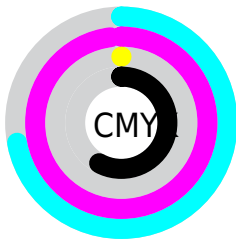
Distribution



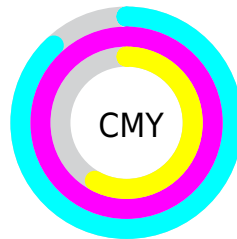
- Red (12%)
- Green (1%)
- Blue (42%)



- Red (12%)
- Yellow (1%)
- Blue (42%)



- Cyan (72%)
- Magenta (98%)
- Yellow (0%)
- Black (58%)



- Cyan (88%)
- Magenta (99%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.2280, 41.2996, 6.8160 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 22.2280, 41.2996, 6.8160 by changing the saturation by 10% instead.

■ 22.2280, 41.2996,
6.8160

■ 22.2280, 41.2996,
6.8160

■ 243.8470, 5.4984,
9.7812

■ 9.2340, 35.3806,
-8.0982

■ 74.3750, 41.7201,
11.9491

■ 7.0850, 24.6081,
-6.2135

■ 99.9130, 42.4409,
14.1083

■ 5.1640, 14.7091,
-4.5288

■ 125.8530, 43.4565,
15.0379

■ 1.0260, 3.9312,
-0.8998


■ 153.0920, 44.3246,
16.5823


■ 0.0000, 0.0000,
0.0000


■ 178.0940, 37.9147,
19.2116


■ 202.6140, 25.8263,


23.1405


 226.8240, 13.8908,
24.7104


 22.2280, 41.2996,
6.8160


 22.2280, 41.2996,
6.8160


 20.7550, 42.0258,
7.2309

 31.0770, 36.9370,
6.0715

 39.0400, 33.0113,
5.2269

 47.8890, 28.6487,
4.4823

 56.1510, 24.5756,
4.2526

 65.0000, 20.2130,
3.5080

■ 73.5500, 15.9979,
2.1487

■ 81.8120, 11.9247,
1.9189

■ 90.6610, 7.5621,
1.1743

■ 98.9230, 3.4890,
0.9445

Harmonies

Analogous

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



36.1970, 44.7659, -31.7448



22.2280, 41.2996, 6.8160



34.1350, 15.7094, 48.1166

Triad

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



22.2280, 41.2996, 6.8160



25.8920, -12.7648, 34.2977



31.3170, 5.7597, -27.4650

Complementary

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



22.2280, 41.2996, 6.8160



85.7720, -41.2996, -6.8160

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.



25.8280, -12.7332, -22.6512



22.2280, 41.2996, 6.8160



28.3300, -13.9667, -0.2894

Square

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



22.2280, 41.2996, 6.8160



27.2090, -13.4140, 55.9447



24.6540, -12.1544, -21.6216



38.3220, 24.9843, -33.6084

Rectangle

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



22.2280, 41.2996, 6.8160



34.3030, 0.8366, 58.4933



24.6540, -12.1544, -21.6216



29.4930, -1.2290, -25.8654

Sweetspot

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



22.2280, 41.2996, 6.8160



105.8490, 15.8504, 2.7634



58.4680, 23.4333, -49.5224



49.5300, 9.5987, 1.2892



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



22.2280, 41.2996, 6.8160



26.7950, 54.8241, 8.9498



37.7760, 33.6344, 38.7844



49.2820, 2.3260, 0.6297



22.9060, 46.3883, 7.9754



47.6640, 97.2866, 16.0807

Inverse Universe

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



41.7600, 17.8663, 56.3385



52.7760, 23.7744, 74.7414



70.2240, -33.6344, -38.7844



50.2500, 0.8628, 3.2887



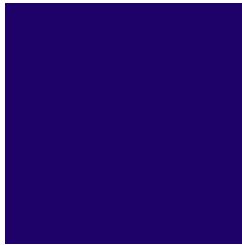
44.7870, 20.3180, 63.3308



93.6610, 42.0721, 132.7243

Previews

White Background



This preview shows how the YUV color 22.2280, 41.2996, 6.8160 looks on a white background.

Color Contrast Check

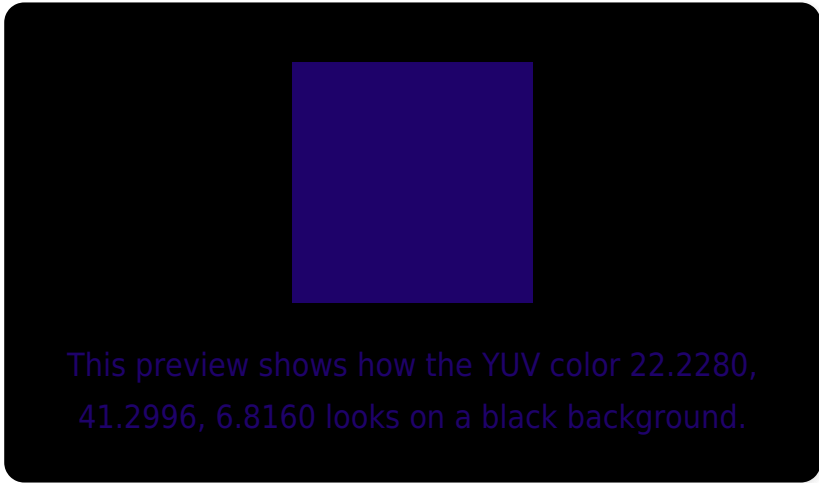
Large Text (above 18pt) WCAG AA ✓ Pass

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

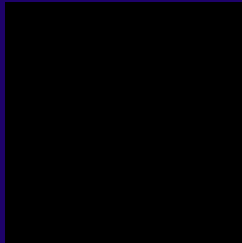
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.2280, 41.2996, 6.8160

Background



This preview shows how black text looks on a background with the YUV color 22.2280, 41.2996, 6.8160.



This preview shows how white text looks on a background with the YUV color 22.2280, 41.2996,

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

22.2280, 41.2996, 6.8160

Protanopia

27.9380, 20.7366, -24.5016

Deuteranopia

27.9720, 15.7898, -24.5314



Tritanopia

27.5670, 6.6225, -24.1763

Trichromacy



Original Color

22.2280, 41.2996, 6.8160

Protanomaly

25.6650, 28.2662, -12.8612

Deuteranomaly

26.1550, 25.0666, -13.2909

Tritanomaly

25.9610, 19.2462, -13.1208

Monochromacy



Original Color

22.2280, 41.2996, 6.8160

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.3220, 15.1243, 2.3486

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.2280, 41.2996, 6.8160 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(30, 2, 106)` looks like.

```
.text, #text, p{  
    color:rgb(30, 2, 106)  
}
```

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(30, 2, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 2, 106) }
```

Border

The CSS property to change the border of an element to YUV 22.2280, 41.2996, 6.8160 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(30, 2, 106) }
```


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

```
.border{ border-color:rgb(30, 2, 106) }
```

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

Here you see how a box with a 4 pixel rgb(30, 2, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 2, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 2, 106);  
box-shadow:4px 4px 4px 4px rgb(30, 2, 106)  
}
```

Background

The CSS property to change the background color of an element to YUV 22.2280, 41.2996, 6.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 2, 106) }
```

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

```
.background{ background-color: rgb(30, 2,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor