

Converting Colors

YUV(22.4250, -11.0555,
46.1083)

Have a look what the booklet for
YUV(22.4250, -11.0555, 46.1083)
contains.

YUV(22.4250, -11.0555, 46.1083)	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(22.4250, -11.0555,
46.1083)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0000
RGB	75, 0, 0
RGB Percent	29%, 0%, 0%
CMY	0.7059, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.71
HSL	0°, 100%, 15%
HSV	0°, 100%, 29%
XYZ	2.9017, 1.4959, 0.1358
YIQ	22.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

Format	Color
RYB	75, 0, 0
Decimal	4915200
CIELab	12.58, 33.07, 19.75
CIElCh	13, 38.520, 30.845
Yxy	1.4959, 0.6401, 0.3300
Android (android.graphics.Color)	4283105280 (0xFF4B0000)
YUV	22.4250, -11.0555, 46.1083
Hunter-Lab	12.2305, 20.9451, 7.9031

Details

The YUV color **22.4250, -11.0555, 46.1083** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **52.5750, 11.0555, -46.1083**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.4530, -13.5343, 47.8377**, and **0.8970, -0.4422, 1.8443** is the 20% darker color. If you saturate the color by 10%, you get **22.4250, -11.0555, 46.1083**, and if you desaturate by 10%, it is **27.3320, -10.0237, 41.8048**.

Distribution



Red (29%)

Green (0%)

Blue (0%)



Red (29%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.4250, -11.0555, 46.1083 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 22.4250, -11.0555, 46.1083 by changing the saturation by 10% instead.

■ 22.4250, -11.0555,
46.1083

■ 22.4250, -11.0555,
46.1083

■ 241.7150, -7.7475,
11.6509

■ 14.9500, -7.3703,
30.7388

■ 74.4530, -13.5343,
47.8377

■ 0.8970, -0.4422,
1.8443

■ 99.5350, -14.5608,
50.3968

■ 0.0000, 0.0000,
0.0000


■ 125.5030,
-16.0240, 53.0559


■ 152.5850,
-17.0504, 55.6150


■ 180.0690,
-17.7820, 56.9445


■ 201.8720,


-15.7129, 46.5933


 221.5000,
-11.5855, 29.3795


 22.4250, -11.0555,
46.1083

 27.3320, -10.0237,
41.8048

 32.9400, -8.8444,
36.8866

 38.5480, -7.6652,
31.9684

 43.4550, -6.6333,
27.6650

 49.0630, -5.4541,
22.7467

■ 53.9700, -4.4222,
18.4433

■ 59.5780, -3.2430,
13.5251

■ 64.4850, -2.2111,
9.2217

■ 70.0930, -1.0318,
4.3034

Harmonies

Analogous

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



26.7850, 3.0640, 44.0386



22.4250, -11.0555, 46.1083



30.2780, -14.9271, 27.8202

Triad

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



22.4250, -11.0555, 46.1083



24.6540, -12.1544, -21.6216



31.0500, 27.5833, -27.2308

Complementary

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



22.4250, -11.0555, 46.1083



52.5750, 11.0555, -46.1083

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.



33.7740, 22.7894, -29.6198



22.4250, -11.0555, 46.1083



29.5900, 1.6811, -25.9504

Square

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



22.4250, -11.0555, 46.1083



27.0790, -13.3499, -11.4703



32.6680, 13.4747, -28.6498



31.7540, 23.2923, -4.1693

Rectangle

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



22.4250, -11.0555, 46.1083



31.6740, -15.6153, 15.1949



32.6680, 13.4747, -28.6498



32.6970, 26.2784, -28.6753

Sweetspot

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



22.4250, -11.0555, 46.1083



76.6710, -4.2748, 17.8285



30.9750, 21.7043, 38.6099



36.0830, -2.5059, 10.4512



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



22.4250, -11.0555, 46.1083



29.0030, -14.2985, 59.6334



44.7310, -22.0524, 26.5459



35.1960, -0.5896, 2.4591



30.4980, -15.0355, 62.7073



68.7700, -33.9036, 141.3987

Inverse Universe

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



52.5750, 11.0555, -46.1083



67.9970, 14.2985, -59.6334



30.8560, 21.7630, -27.0607



36.8040, 0.5896, -2.4591



71.5020, 15.0355, -62.7073



161.2300, 33.9036, -141.3987

Previews

White Background



This preview shows how the YUV color 22.4250, -11.0555, 46.1083 looks on a white background.

Color Contrast Check

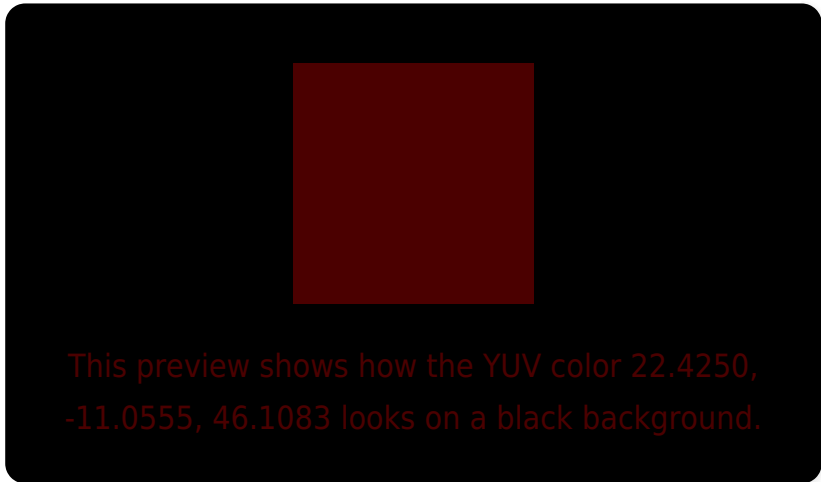
Large Text (above 18pt) WCAG AA ✓ Pass

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

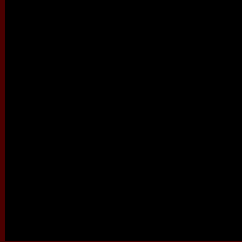
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.4250, -11.0555, 46.1083

Background



This preview shows how black text looks on a background with the YUV color 22.4250, -11.0555, 46.1083.



This preview shows how white text looks on a background with the YUV color 22.4250, -11.0555,

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

22.4250, -11.0555, 46.1083

Protanopia

36.0040, -12.8200, 5.2585

Deuteranopia

35.4840, -17.4936, 10.9765



Tritanopia

26.2350, -12.9339, 41.8899

Trichromacy



Original Color

22.4250, -11.0555, 46.1083

Protanomaly

30.9180, -12.2846, 20.2429

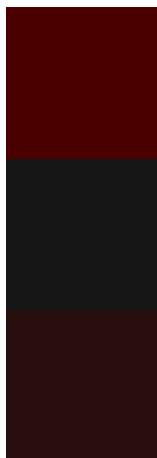
Deuteranomaly

30.8430, -15.2056, 23.8167

Tritanomaly

24.4740, -12.0657, 43.4343

Monochromacy



Original Color

22.4250, -11.0555, 46.1083

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.0730, -3.9800, 16.5990

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.4250, -11.0555, 46.1083 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(75, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 0, 0)  
}
```

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(75, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 22.4250, -11.0555, 46.1083 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(75, 0, 0) }
```


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

```
.border{ border-color:rgb(75, 0, 0) }
```

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

Here you see how a box with a 4 pixel rgb(75, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 0, 0); box-shadow:4px  
4px 4px 4px rgb(75, 0, 0) }
```

Background

The CSS property to change the background color of an element to YUV 22.4250, -11.0555, 46.1083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 0, 0) }
```

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

```
.background{ background-color: rgb(75, 0,  
0) }
```

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