

Converting Colors

YUV(44.4540, -21.9158,
29.4198)

Have a look what the booklet for
YUV(44.4540, -21.9158, 29.4198)
contains.

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Color

**YUV(44.4540, -21.9158,
29.4198)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4E2400 |
| RGB | 78, 36, 0 |
| RGB Percent | 31%, 14%, 0% |
| CMY | 0.6941, 0.8588, 1.0000 |
| CMYK | 0.00, 0.54, 1.00, 0.69 |
| HSL | 28°, 100%, 15% |
| HSV | 28°, 100%, 31% |
| XYZ | 3.7728, 2.8815, 0.3573 |
| YIQ | 44.4540, 36.5880, -2.2920 |

Conversions

Conversions Part 2

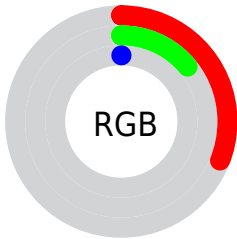
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 78, 67, 0 |
| Decimal | 5121024 |
| CIE Lab | 19.56, 17.27, 28.62 |
| CIE LCh | 20, 33.426, 58.887 |
| Yxy | 2.8815, 0.5381, 0.4110 |
| Android (android.graphics.Color) | 4283311104 (0xFF4E2400) |
| YUV | 44.4540, -21.9158, 29.4198 |
| Hunter-Lab | 16.9748, 9.9667, 10.6343 |

Details

The YUV color **44.4540, -21.9158, 29.4198** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **33.5460, 21.9158, -29.4198**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.0740, -22.2215, 34.1381**, and **8.7850, -3.8380, 17.7286** is the 20% darker color. If you saturate the color by 10%, you get **44.4540, -21.9158, 29.4198**, and if you desaturate by 10%, it is **47.7140, -19.5790, 26.5608**.

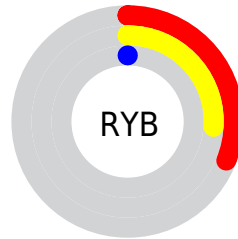
Distribution



Red (31%)

Green (14%)

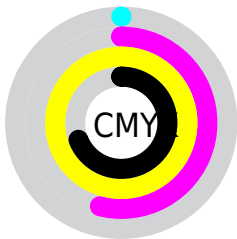
Blue (0%)



Red (31%)

Yellow (26%)

Blue (0%)

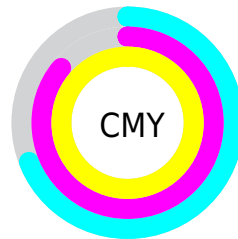


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (69%)



Cyan (69%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4540, -21.9158, 29.4198 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 44.4540, -21.9158, 29.4198 by changing the saturation by 10% instead.

■ 44.4540, -21.9158,
29.4198

■ 44.4540, -21.9158,
29.4198

■ 251.8080,
-12.2303, 2.7994

■ 24.3530, -12.0060,
24.2464

■ 92.0740, -22.2215,
34.1381

■ 8.7850, -3.8380,
17.7286

■ 117.7430,
-23.5373, 36.1824

■ 0.0000, 0.0000,
0.0000


■ 143.5260,
-24.4163, 38.1267


■ 170.3090,
-25.2953, 40.0710


■ 197.7930,
-26.0269, 41.4005


■ 220.2970,


-23.8104, 30.4345


 239.8110,
-20.1198, 13.3208


 44.4540, -21.9158,
29.4198

 47.7140, -19.5790,
26.5608

 50.9740, -17.2422,
23.7018

 54.7070, -15.6316,
20.4280

 57.9670, -13.2947,
17.5689

 61.2270, -10.9579,
14.7099

■ 64.4870, -8.6211,
11.8509

■ 67.7470, -6.2843,
8.9919

■ 71.4800, -4.6736,
5.7180

■ 74.7400, -2.3368,
2.8590

Harmonies

Analogous

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



44.1360, -9.4340, 39.3457



44.4540, -21.9158, 29.4198



44.9420, -22.1564, 13.2059

Triad

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



44.4540, -21.9158, 29.4198



39.2900, 3.3080, -34.4573



47.4830, 20.9609, -3.0546

Complementary

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



44.4540, -21.9158, 29.4198



33.5460, 21.9158, -29.4198

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.



40.8810, 27.1737, -35.8526



44.4540, -21.9158, 29.4198



42.0260, 13.7912, -36.8568

Square

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



44.4540, -21.9158, 29.4198



35.7390, -7.7593, -31.3431



43.0180, 22.6691, -37.7268



47.7700, 12.4384, 23.8807

Rectangle

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



44.4540, -21.9158, 29.4198



43.3920, -21.3923, 1.4102



43.0180, 22.6691, -37.7268



44.9050, 24.2038, -16.5797

Sweetspot

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



44.4540, -21.9158, 29.4198



89.0740, -8.9105, 11.3361



28.2240, 7.2846, 43.6536



43.0780, -4.9685, 6.9476



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



44.4540, -21.9158, 29.4198



58.0870, -28.6369, 38.5117



66.7600, -32.9127, 9.8575



36.3700, -1.1684, 1.4295



130.9920, -64.5791, 86.8300

Inverse Universe

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



33.5460, 21.9158, -29.4198



43.9130, 28.6369, -38.5117



11.2400, 32.9127, -9.8575



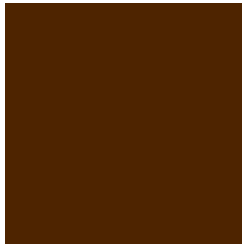
35.6300, 1.1684, -1.4295



99.0080, 64.5791, -86.8300

Previews

White Background



This preview shows how the YUV color 44.4540, -21.9158, 29.4198 looks on a white background.

Color Contrast Check

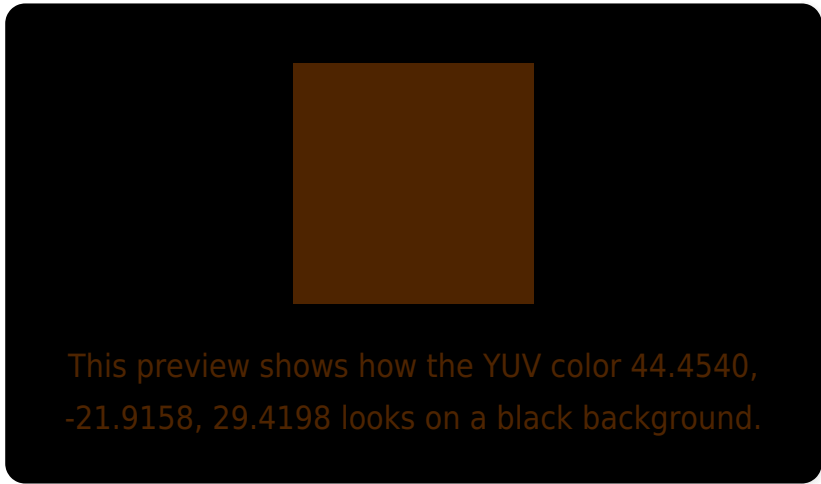
Large Text (above 18pt) WCAG AA ✓ Pass

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

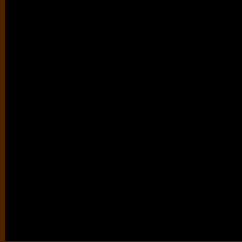
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4540, -21.9158, 29.4198

Background



This preview shows how black text looks on a background with the YUV color 44.4540, -21.9158, 29.4198.



This preview shows how white text looks on a background with the YUV color 44.4540, -21.9158,

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

44.4540, -21.9158, 29.4198

Protanopia

46.0060, -19.2300, 7.8877

Deuteranopia

45.2410, -22.3038, 13.8206



Tritanopia

47.0960, -5.4703, 27.9798

Trichromacy



Original Color

44.4540, -21.9158, 29.4198

Protanomaly

45.1210, -20.2727, 15.6799

Deuteranomaly

44.6870, -22.0307, 19.5685

Tritanomaly

46.2010, -11.4381, 28.7647

Monochromacy



Original Color

44.4540, -21.9158, 29.4198

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.0030, -7.8895, 10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4540, -21.9158, 29.4198 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(78, 36, 0)` looks like.

```
.text, #text, p{  
    color:rgb(78, 36, 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(78, 36, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 36, 0) }
```

Border

The CSS property to change the border of an element to YUV 44.4540, -21.9158, 29.4198 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(78, 36, 0) }
```

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

```
.border{ border-color:rgb(78, 36, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 36, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 36, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 36, 0); box-shadow:4px  
4px 4px 4px rgb(78, 36, 0) }
```

Background

The CSS property to change the background color of an element to YUV 44.4540, -21.9158, 29.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 36, 0) }
```

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

```
.background{ background-color: rgb(78, 36,  
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](#).

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