

Converting Colors

YUV(43.7440, -21.5658,
57.2295)

Have a look what the booklet for
YUV(43.7440, -21.5658, 57.2295)
contains.

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Color

**YUV(43.7440, -21.5658,
57.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	6D1300
RGB	109, 19, 0
RGB Percent	43%, 7%, 0%
CMY	0.5725, 0.9255, 1.0000
CMYK	0.00, 0.83, 1.00, 0.57
HSL	10°, 100%, 21%
HSV	10°, 100%, 43%
XYZ	6.5395, 3.7170, 0.3728
YIQ	43.7440, 59.7390, 13.1710

Conversions

Conversions Part 2

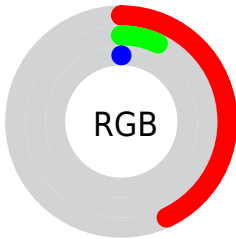
Format	Color
RYB	109, 23, 0
Decimal	7148288
CIELab	22.71, 38.02, 33.83
CIElCh	23, 50.889, 41.662
Yxy	3.7170, 0.6152, 0.3497
Android (android.graphics.Color)	4285338368 (0xFF6D1300)
YUV	43.7440, -21.5658, 57.2295
Hunter-Lab	19.2794, 26.8080, 12.3492

Details

The YUV color **43.7440, -21.5658, 57.2295** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **65.2560, 21.5658, -57.2295**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.9680, -24.6342, 61.4181**, and **16.1460, -7.9600, 33.1980** is the 20% darker color. If you saturate the color by 10%, you get **43.7440, -21.5658, 57.2295**, and if you desaturate by 10%, it is **50.2810, -19.3655, 51.4966**.

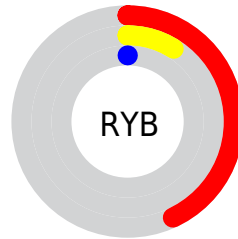
Distribution



Red (43%)

Green (7%)

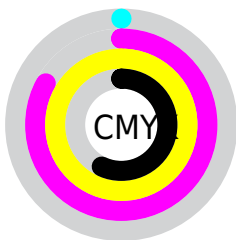
Blue (0%)



Red (43%)

Yellow (9%)

Blue (0%)

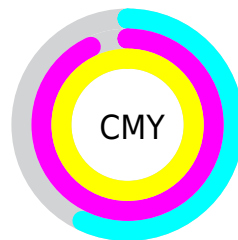


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (57%)



Cyan (57%)


Magenta (93%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 43.7440, -21.5658, 57.2295 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 43.7440, -21.5658, 57.2295 by changing the saturation by 10% instead.


 43.7440, -21.5658,
57.2295


 43.7440, -21.5658,
57.2295


 251.8080,
-12.2303, 2.7994


 23.9200, -11.7926,
49.1822

 96.9680, -24.6342,
61.4181


 16.1460, -7.9600,
33.1980


 123.8220,
-26.5342, 64.1771

 4.7840, -2.3585,
9.8364

 150.7900,
-27.9975, 66.8362


 0.0000, 0.0000,
0.0000


 177.2740,
-28.7291, 68.1657


 196.0870,
-25.1859, 51.6667


 215.4870,


-21.9321, 34.6529


 235.7020,
-18.0941, 16.9243


 43.7440, -21.5658,
57.2295

 50.2810, -19.3655,
51.4966

 56.8180, -17.1653,
45.7636

 63.3550, -14.9650,
40.0307

 69.8920, -12.7648,
34.2977

 76.4290, -10.5645,
28.5648

■ 82.8520, -8.8010,
22.9318

■ 89.3890, -6.6008,
17.1988

■ 95.9260, -4.4005,
11.4659

■ 102.4630, -2.2003,
5.7329

Harmonies

Analogous

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



39.9560, 0.5147, 68.4446



43.7440, -21.5658, 57.2295



50.9550, -25.1208, 30.7345

Triad

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



43.7440, -21.5658, 57.2295



43.1080, -7.4482, -37.8057



47.1050, 40.8672, -41.3111

Complementary

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



43.7440, -21.5658, 57.2295



65.2560, 21.5658, -57.2295

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.



52.6330, 36.6629, -46.1591



43.7440, -21.5658, 57.2295



48.9560, 9.8817, -42.9344

Square

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



43.7440, -21.5658, 57.2295



38.7530, -19.1052, -32.2324



52.3590, 25.4590, -45.9188



54.8410, 28.1794, 15.0484

Rectangle

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



43.7440, -21.5658, 57.2295



51.4320, -25.3560, 12.7761



52.3590, 25.4590, -45.9188



49.5670, 40.1465, -43.4703

Sweetspot

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



43.7440, -21.5658, 57.2295



116.9660, -8.3642, 22.8318



42.9650, 23.6813, 57.9127



55.8230, -4.8427, 13.3102



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



43.7440, -21.5658, 57.2295



57.4320, -28.3140, 75.0431



75.4420, -37.1929, 29.4304



50.3810, -1.1738, 3.1739



46.7230, -23.0344, 61.6329



98.4960, -48.5585, 128.4840

Inverse Universe

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



65.2560, 21.5658, -57.2295



85.5680, 28.3140, -75.0431



33.5580, 37.1929, -29.4304



51.6190, 1.1738, -3.1739



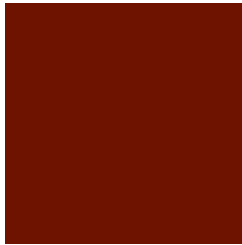
70.2770, 23.0344, -61.6329



146.5040, 48.5585, -128.4840

Previews

White Background



This preview shows how the YUV color 43.7440, -21.5658, 57.2295 looks on a white background.

Color Contrast Check

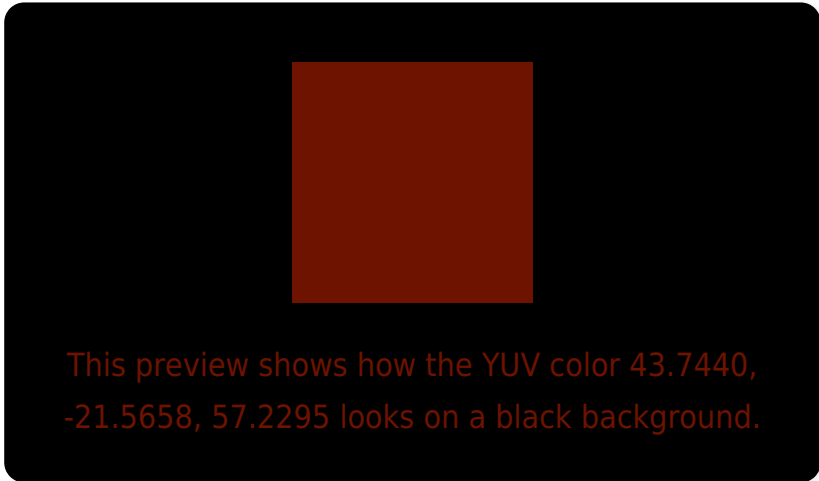
Large Text (above 18pt) WCAG AA ✓ Pass

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

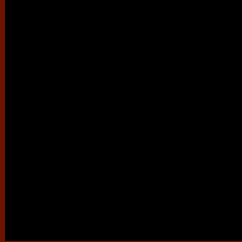
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.7440, -21.5658, 57.2295

Background



This preview shows how black text looks on a background with the YUV color 43.7440, -21.5658, 57.2295.



This preview shows how white text looks on a background with the YUV color 43.7440, -21.5658,

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



Protanopia

54.0770, -20.2510, 8.7025

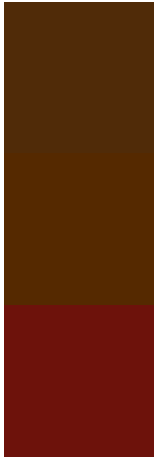
Deuteranopia

52.9270, -26.0930, 15.8500

Tritanopia

45.0950, -13.8508, 56.0447

Trichromacy



Protanomaly

50.0730, -20.7420, 26.2460

Deuteranomaly

49.4820, -24.3946, 31.1493

Tritanomaly

44.4110, -16.4716, 56.6446

Monochromacy



Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.0690, -7.9220, 20.9875

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.7440, -21.5658, 57.2295 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(109, 19, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 19, 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(109, 19, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 19, 0) }
```

Border

The CSS property to change the border of an element to YUV 43.7440, -21.5658, 57.2295 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(109, 19, 0) }
```

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

```
.border{ border-color:rgb(109, 19, 0) }
```

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

Here you see how a box with a 4 pixel rgb(109, 19, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 19, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 19, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 19, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 43.7440, -21.5658, 57.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 19, 0) }
```

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

```
.background{ background-color: rgb(109, 19,  
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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