

# Converting Colors

YUV(43.0560, -21.2266,  
88.5279)

Have a look what the booklet for  
YUV(43.0560, -21.2266, 88.5279)  
contains.

<b>YUV(43.0560, -21.2266, 88.5279)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(43.0560, -21.2266,  
88.5279)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	900000
RGB	144, 0, 0
RGB Percent	56%, 0%, 0%
CMY	0.4353, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.44
HSL	0°, 100%, 28%
HSV	0°, 100%, 56%
XYZ	11.5016, 5.9293, 0.5383
YIQ	43.0560, 85.8240, 30.5280

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 0, 0
Decimal	9437184
CIELab	29.23, 52.34, 42.70
CIElCh	29, 67.550, 39.211
Yxy	5.9293, 0.6401, 0.3300
Android (android.graphics.Color)	4287627264 (0xFF900000)
YUV	43.0560, -21.2266, 88.5279
Hunter-Lab	24.3501, 41.7004, 15.7345

# Details

The YUV color **43.0560, -21.2266, 88.5279** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **100.9440, 21.2266, -88.5279**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.6290, -30.3831, 85.3944**, and **24.8170, -12.2348, 51.0265** is the 20% darker color. If you saturate the color by 10%, you get **43.0560, -21.2266, 88.5279**, and if you desaturate by 10%, it is **52.8700, -19.1629, 79.9210**.

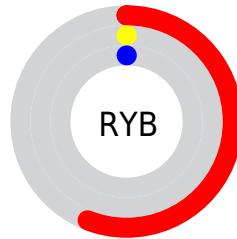
# Distribution



Red (56%)

Green (0%)

Blue (0%)



Red (56%)

Yellow (0%)

Blue (0%)

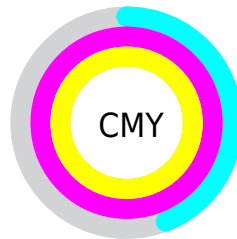


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (100%)


Yellow (100%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 43.0560, -21.2266, 88.5279 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 43.0560, -21.2266, 88.5279 by changing the saturation by 10% instead.




 43.0560, -21.2266,  
88.5279

 43.0560, -21.2266,  
88.5279


 251.9220,  
-11.7935, 2.6994


 34.0860, -16.8044,  
70.0846


 108.6290,  
-30.3831, 85.3944

 24.8170, -12.2348,  
51.0265

 136.6680,  
-32.8673, 88.8682


 17.2710, -7.5286,  
34.8423

 160.4500,  
-32.2669, 82.9203

 4.4850, -2.2111,  
9.2217


 179.7360,  
-29.4498, 66.0065


 0.0000, 0.0000,  
0.0000


 199.1360,  
-26.1960, 48.9927


 218.6500,


-22.5055, 31.8789


 239.3380,  
-19.3936, 13.7356


 43.0560, -21.2266,  
88.5279

 52.8700, -19.1629,  
79.9210

 63.3850, -16.9518,  
70.6994

 73.1990, -14.8881,  
62.0925

 83.7140, -12.6770,  
52.8708

 93.5280, -10.6133,  
44.2639

■ 103.3420, -8.5496,  
35.6571

■ 113.8570, -6.3385,  
26.4354

■ 123.6710, -4.2748,  
17.8285

■ 134.1860, -2.0637,  
8.6069

# Harmonies

## Analogous

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



52.7290, 1.6126, 89.6917



43.0560, -21.2266, 88.5279



64.6100, -31.8527, 43.3150

# Triad

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



43.0560, -21.2266, 88.5279



54.2610, -12.9467, -47.5869



62.2140, 55.6035, -54.5617

# Complementary

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



43.0560, -21.2266, 88.5279



100.9440, 21.2266, -88.5279

# 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.



69.1610, 49.2206, -60.6542



43.0560, -21.2266, 88.5279



61.8190, 10.9352, -54.2153

# Square

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



43.0560, -21.2266, 88.5279



48.1340, -23.7301, -42.2135



67.6330, 33.2119, -59.3141



68.2720, 41.2779, 13.7935



# Rectangle

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



43.0560, -21.2266, 88.5279



65.0430, -32.0662, 18.3793



67.6330, 33.2119, -59.3141



65.2630, 54.5933, -57.2357

# Sweetspot

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



43.0560, -21.2266, 88.5279



146.7440, -8.2548, 34.4275



59.4720, 41.6723, 74.1311



70.1660, -5.0118, 20.9024



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



43.0560, -21.2266, 88.5279



55.6140, -27.4177, 114.3485



85.3200, -42.0628, 51.4624



66.0930, -1.0318, 4.3034



40.3650, -19.8999, 82.9949



2.3920, -1.1793, 4.9182



# Inverse Universe

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



100.9440, 21.2266, -88.5279



130.3860, 27.4177, -114.3485



58.6800, 42.0628, -51.4624



68.9070, 1.0318, -4.3034



94.6350, 19.8999, -82.9949

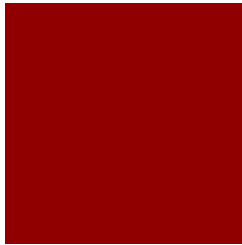


5.6080, 1.1793, -4.9182



# Previews

## White Background



This preview shows how the YUV color 43.0560, -21.2266, 88.5279 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

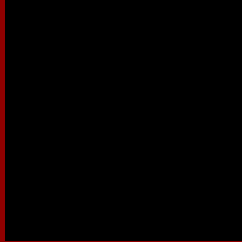
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 43.0560, -21.2266, 88.5279

## Background



This preview shows how black text looks on a background with the YUV color 43.0560, -21.2266, 88.5279.



This preview shows how white text looks on a background with the YUV color 43.0560, -21.2266,



# 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

43.0560, -21.2266, 88.5279

### Protanopia

69.5350, -24.9138, 10.9318

### Deuteranopia

68.0110, -33.5294, 21.0384



## Tritanopia

50.3880, -24.8413, 81.2207

# Trichromacy



## Original Color

43.0560, -21.2266, 88.5279

## Protanomaly

59.7650, -23.5481, 39.6711

## Deuteranomaly

59.0170, -29.0954, 45.5891

## Tritanomaly

47.4530, -23.3943, 83.7947

# Monochromacy



## Original Color

43.0560, -21.2266, 88.5279

## Achromatopsia

43.0000, 0.0000, 0.0000

## Achromatomaly

42.8470, -7.8126, 32.5832

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.0560, -21.2266, 88.5279 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(144, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(144, 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(144, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 0, 0) }
```

## Border

The CSS property to change the border of an element to YUV 43.0560, -21.2266, 88.5279 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(144, 0, 0) }
```



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

```
.border{ border-color:rgb(144, 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(144, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(144, 0, 0); box-shadow:4px  
4px 4px 4px rgb(144, 0, 0) }
```

# Background

The CSS property to change the background color of an element to YUV 43.0560, -21.2266, 88.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 0, 0) }
```

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

```
.background{ background-color: rgb(144, 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](#).

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