

Converting Colors

YUV(88.0300, 4.4222, -18.4433)

Have a look what the booklet for
YUV(88.0300, 4.4222, -18.4433)
contains.

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Color

**YUV(88.0300, 4.4222,
-18.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	436161
RGB	67, 97, 97
RGB Percent	26%, 38%, 38%
CMY	0.7373, 0.6196, 0.6196
CMYK	0.31, 0.00, 0.00, 0.62
HSL	180°, 18%, 32%
HSV	180°, 31%, 38%
XYZ	8.7471, 10.6057, 12.8954
YIQ	88.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

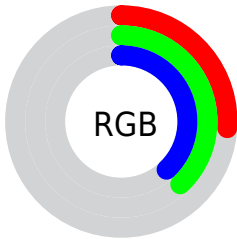
Format	Color
RYB	67, 82, 97
Decimal	4415841
CIELab	38.91, -10.93, -3.55
CIElCh	39, 11.493, 197.979
Yxy	10.6057, 0.2712, 0.3289
Android (android.graphics.Color)	4282605921 (0xFF436161)
YUV	88.0300, 4.4222, -18.4433
Hunter-Lab	32.5665, -9.0476, -0.6806

Details

The YUV color $88.0300, 4.4222, -18.4433$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $75.9700, -4.4222, 18.4433$, and the grayscale version is $88.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $138.4320, 4.7170, -19.6729$, and $42.0300, 4.4222, -18.4433$ is the 20% darker color. If you saturate the color by 10%, you get $85.0400, 5.8963, -24.5911$, and if you desaturate by 10%, it is $91.0200, 2.9481, -12.2955$.

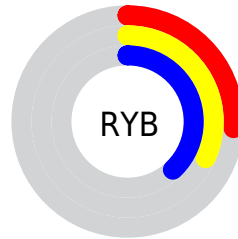
Distribution



Red (26%)

Green (38%)

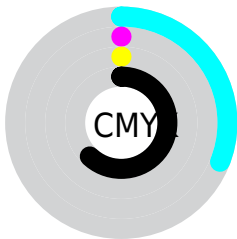
Blue (38%)



Red (26%)

Yellow (32%)

Blue (38%)

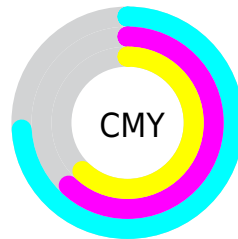


Cyan (31%)

Magenta (0%)

Yellow (0%)

Black (62%)



Cyan (74%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.0300, 4.4222, -18.4433 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 88.0300, 4.4222, -18.4433 by changing the saturation by 10% instead.

■ 88.0300, 4.4222,
-18.4433

■ 88.0300, 4.4222,
-18.4433

255.0000, 0.0000,
0.0000

■ 64.3290, 4.2748,
-17.8285

■ 138.4320, 4.7170,
-19.6729

■ 42.0300, 4.4222,
-18.4433

■ 164.4320, 4.7170,
-19.6729

■ 21.0300, 4.4222,
-18.4433

■ 192.0190, 4.4276,
-20.1877

■ 0.4560, 1.7472,
-0.3999

■ 219.8340, 5.0118,
-20.9024

■ 0.0000, 0.0000,
0.0000

■ 246.0300, 4.4222,
-18.4433

254.4020, 0.2948,

-1.2296

■ 88.0300, 4.4222,
-18.4433

■ 88.0300, 4.4222,
-18.4433

■ 85.0400, 5.8963,
-24.5911

■ 91.0200, 2.9481,
-12.2955

■ 82.3490, 7.2229,
-30.1241

■ 93.7110, 1.6215,
-6.7625

■ 79.3590, 8.6970,
-36.2718

■ 96.7010, 0.1474,
-0.6148

■ 76.3690, 10.1711,
-42.4196

■ 99.6910, -1.3267,
5.5330

■ 73.3790, 11.6452,
-48.5674

■ 102.3820, -2.6533,
11.0660

■ 70.6880, 12.9718,
-54.1004

■ 105.3720, -4.1274,
17.2138

■ 67.9970, 14.2985,
-59.6334

■ 108.3620, -5.6015,
23.3615

■ 111.3520, -7.0755,
29.5093

■ 114.0430, -8.4022,
35.0423

Harmonies

Analogous

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



88.6840, -0.8302, -13.7549



88.0300, 4.4222, -18.4433



88.6540, 8.0586, -18.1136

Triad

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



88.0300, 4.4222, -18.4433



92.8250, 5.5093, 6.2925



91.7640, -8.7577, 8.9770

Complementary

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



88.0300, 4.4222, -18.4433



75.9700, -4.4222, 18.4433

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.



92.5520, -7.1741, 14.4249



88.0300, 4.4222, -18.4433



93.1310, 1.4144, 13.0401

Square

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



88.0300, 4.4222, -18.4433



92.1550, 8.3046, -3.6439



92.8880, -3.3958, 15.8842



90.8340, -8.2992, 1.8996

Rectangle

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



88.0300, 4.4222, -18.4433



89.4310, 9.6475, -14.4100



92.8880, -3.3958, 15.8842



92.1880, -8.4737, 11.2361

Sweetspot

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



88.0300, 4.4222, -18.4433



121.7110, 1.6215, -6.7625



84.6100, -8.6817, -15.4440



61.9070, 1.0318, -4.3034



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



88.0300, 4.4222, -18.4433



111.2460, 6.7807, -28.2797



79.2250, 8.7631, -10.7213



46.8040, 0.5896, -2.4591



78.5120, 16.5096, -68.8550



168.2400, 35.3777, -147.5465

Inverse Universe

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



79.3900, 8.6817, 15.4440



97.9980, 13.3120, 23.6808



84.7750, -8.7631, 10.7213



45.6520, 1.1576, 2.0592



46.2560, 32.4118, 57.6575



99.1200, 69.4538, 123.5518

Previews

White Background



This preview shows how the YUV color 88.0300, 4.4222, -18.4433 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 × Fail

Black Background



This preview shows how the YUV color 88.0300, 4.4222, -18.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

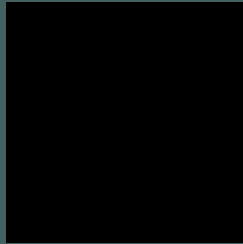
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.0300, 4.4222, -18.4433

Background



This preview shows how black text looks on a background with the YUV color 88.0300, 4.4222, -18.4433.



This preview shows how white text looks on a background with the YUV color 88.0300, 4.4222, -18.4433.

-18.4433.

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

88.0300, 4.4222, -18.4433

Protanopia

91.5270, 0.7262, 0.4148

Deuteranopia

92.5320, 3.1887, 3.9184



Tritanopia

88.8390, 7.4744, -17.3988

Trichromacy



Original Color

88.0300, 4.4222, -18.4433

Protanomaly

90.1240, 1.9109, -6.2477

Deuteranomaly

90.8900, 3.5052, -4.2885

Tritanomaly

88.1980, 6.3114, -17.7136

Monochromacy



Original Color

88.0300, 4.4222, -18.4433

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7110, 1.6215, -6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0300, 4.4222, -18.4433 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(67, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(67, 97, 97)  
}
```

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(67, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 97, 97) }
```

Border

The CSS property to change the border of an element to YUV 88.0300, 4.4222, -18.4433 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(67, 97, 97) }
```


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

```
.border{ border-color:rgb(67, 97, 97) }
```

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

Here you see how a box with a 4 pixel rgb(67, 97, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(67, 97, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.0300, 4.4222, -18.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 97, 97) }
```

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

```
.background{ background-color: rgb(67, 97,  
97) }
```

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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