

Converting Colors

YUV(139.6900, -43.7242,
-22.5301)

Have a look what the booklet for
YUV(139.6900, -43.7242, -22.5301)
contains.

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Color

**YUV(139.6900, -43.7242,
-22.5301)**

Conversions

Conversions Part 1

Format	Color
Hex	72AA33
RGB	114, 170, 51
RGB Percent	45%, 67%, 20%
CMY	0.5529, 0.3333, 0.8000
CMYK	0.33, 0.00, 0.70, 0.33
HSL	88°, 54%, 43%
HSV	88°, 70%, 67%
XYZ	21.9117, 32.5659, 8.2629
YIQ	139.6900, 4.8230, -48.8810

Conversions

Conversions Part 2

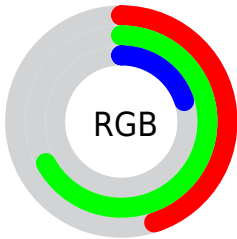
Format	Color
RYB	51, 170, 107
Decimal	7514675
CIELab	63.81, -37.42, 52.92
CIELCh	64, 64.815, 125.259
Yxy	32.5659, 0.3492, 0.5191
Android (android.graphics.Color)	4285704755 (0xFF72AA33)
YUV	139.6900, -43.7242, -22.5301
Hunter-Lab	57.0665, -31.3282, 31.3617

Details

The YUV color **139.6900, -43.7242, -22.5301** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **81.3100, 43.7242, 22.5301**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.0490, -44.8872, -22.8450**, and **86.6190, -42.7032, -23.3449** is the 20% darker color. If you saturate the color by 10%, you get **135.3600, -49.9705, -25.7487**, and if you desaturate by 10%, it is **144.0200, -37.4779, -19.3115**.

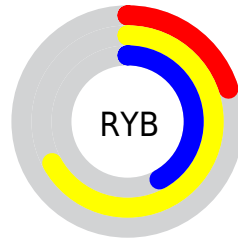
Distribution



Red (45%)

Green (67%)

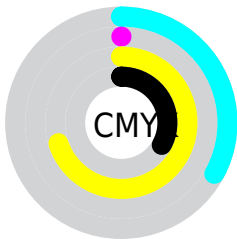
Blue (20%)



Red (20%)

Yellow (67%)

Blue (42%)

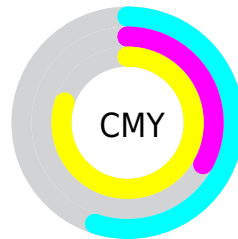


Cyan (33%)

Magenta (0%)

Yellow (70%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.6900, -43.7242, -22.5301 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 139.6900, -43.7242, -22.5301 by changing the saturation by 10% instead.

■ 139.6900,
-43.7242, -22.5301

■ 139.6900,
-43.7242, -22.5301

■ 255.0000, 0.0000,
0.0000

■ 112.3480,
-45.0346, -22.2302

■ 195.0490,
-44.8872, -22.8450

■ 86.6190, -42.7032,
-23.3449

■ 223.2340,
-45.4714, -22.1302

■ 63.2730, -31.1936,
-28.3034

■ 235.5700,
-38.2420, -7.5159

■ 39.9160, -19.6786,
-35.0063

■ 247.1340,
-30.1391, 6.8985

■ 26.4150, -13.0226,
-23.1660

■ 250.4400,
-17.4719, 3.9991

■ 12.9140, -6.3666,
-11.3256

■ 253.7460, -4.8048,

■ 0.0000, 0.0000,

1.0998

0.0000

■ 139.6900,
-43.7242, -22.5301

■ 139.6900,
-43.7242, -22.5301

■ 135.3600,
-49.9705, -25.7487

■ 144.0200,
-37.4779, -19.3115

■ 131.0300,
-56.2168, -28.9673

■ 148.3500,
-31.2315, -16.0929

■ 126.7000,
-62.4631, -32.1859

■ 152.6800,
-24.9852, -12.8744

■ 157.0100,
-18.7389, -9.6558

■ 161.3400,
-12.4926, -6.4372

■ 165.6700, -6.2463,
-3.2186

■ 170.0000, 0.0000,
0.0000

■ 174.3300, 6.2463,
3.2186

■ 178.6600, 12.4926,
6.4372

Harmonies

Analogous

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



145.0630, -62.6421, 25.3777



139.6900, -43.7242, -22.5301



116.3420, -6.0846, -102.0319

Triad

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



139.6900, -43.7242, -22.5301



130.6210, 61.3188, -114.5546



150.5290, -1.7398, 91.6211

Complementary

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



139.6900, -43.7242, -22.5301



81.3100, 43.7242, 22.5301

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.



156.6070, 23.3647, 66.1197



139.6900, -43.7242, -22.5301



121.8160, 65.6597, -106.8326

Square

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



139.6900, -43.7242, -22.5301



131.3270, 43.7158, -115.1738



158.2760, 45.2199, 9.4049



150.2920, -29.2310, 89.1979

Rectangle

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



139.6900, -43.7242, -22.5301



122.5490, 10.0823, -107.4755



158.2760, 45.2199, 9.4049



152.6840, 6.5648, 87.9771

Sweetspot

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



139.6900, -43.7242, -22.5301



210.0640, -17.2866, -8.8261



119.4530, -33.7473, 44.3297



104.9210, -10.3141, -5.1927



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



139.6900, -43.7242, -22.5301



174.3700, -68.7094, -35.4045



122.0490, -35.0272, -58.8020



81.8920, -2.9048, -1.6593



110.1980, -54.3276, -28.2376



15.0290, -7.4093, -3.5334

Inverse Universe

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



81.3100, 43.7242, 22.5301



82.6300, 68.7094, 35.4045



98.9510, 35.0272, 58.8020



78.1080, 2.9048, 1.6593



37.8020, 54.3276, 28.2376



5.2700, 7.2619, 4.1482

Previews

White Background



This preview shows how the YUV color 139.6900, -43.7242, -22.5301 looks on a white 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

Black Background



This preview shows how the YUV color 139.6900, -43.7242, -22.5301 looks on a black 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

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

YUV 139.6900, -43.7242, -22.5301 Background



This preview shows how black text looks on a background with the YUV color 139.6900, -43.7242, -22.5301.



This preview shows how white text looks on a background with the YUV color 139.6900, -43.7242, -22.5301.

-22.5301.

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

139.6900, -43.7242, -22.5301

Protanopia

147.1840, -49.3907, 21.7636

Deuteranopia

149.9500, -44.3454, 36.8778



Tritanopia

151.6970, 9.5164, -19.0283

Trichromacy



Original Color

139.6900, -43.7242, -22.5301

Protanomaly

144.5410, -47.5947, 5.6645

Deuteranomaly

146.5190, -44.1329, 15.3308

Tritanomaly

147.2350, -9.9759, -20.3771

Monochromacy



Original Color

139.6900, -43.7242, -22.5301

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1180, -15.8342, -7.9965

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6900, -43.7242, -22.5301 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(114, 170, 51)` looks like.

```
.text, #text, p{  
    color:rgb(114, 170, 51)  
}
```

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(114, 170, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 170, 51) }
```

Border

The CSS property to change the border of an element to YUV 139.6900, -43.7242, -22.5301 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(114, 170, 51) }
```


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

```
.border{ border-color:rgb(114, 170, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 170, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 170, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 170, 51);  
box-shadow:4px 4px 4px 4px rgb(114, 170,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 139.6900, -43.7242, -22.5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 170, 51) }
```

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

```
.background{ background-color: rgb(114,  
170, 51) }
```

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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