

Converting Colors

YUV(129.4280, -39.6510,
-22.3004)

Have a look what the booklet for
YUV(129.4280, -39.6510, -22.3004)
contains.

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Color

**YUV(129.4280, -39.6510,
-22.3004)**

Conversions

Conversions Part 1

Format	Color
Hex	689E31
RGB	104, 158, 49
RGB Percent	41%, 62%, 19%
CMY	0.5922, 0.3804, 0.8078
CMYK	0.34, 0.00, 0.69, 0.38
HSL	90°, 53%, 41%
HSV	90°, 69%, 62%
XYZ	18.4902, 27.6185, 7.2621
YIQ	129.4280, 2.8050, -45.3470

Conversions

Conversions Part 2

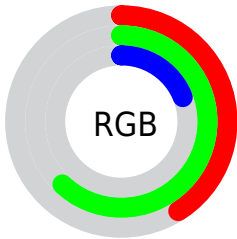
Format	Color
R_{YB}	49, 158, 103
Decimal	6856241
CIE _{Lab}	59.54, -35.90, 49.14
CIE _{LCh}	60, 60.855, 126.152
Yxy	27.6185, 0.3464, 0.5175
Android (android.graphics.Color)	4285046321 (0xFF689E31)
YUV	129.4280, -39.6510, -22.3004
Hunter-Lab	52.5533, -29.1656, 28.5943

Details

The YUV color **129.4280, -39.6510, -22.3004** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **77.5720, 39.6510, 22.3004**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0860, -40.9614, -22.0004**, and **77.1720, -38.0458, -23.8298** is the 20% darker color. If you saturate the color by 10%, you get **125.2120, -45.4605, -25.6189**, and if you desaturate by 10%, it is **133.6440, -33.8415, -18.9818**.

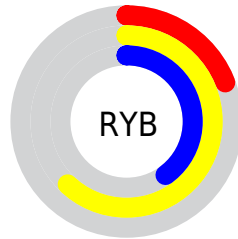
Distribution



Red (41%)

Green (62%)

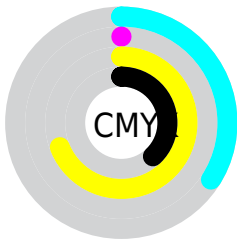
Blue (19%)



Red (19%)

Yellow (62%)

Blue (40%)

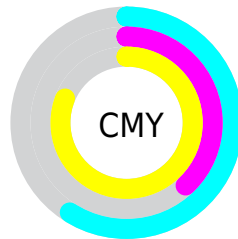


Cyan (34%)

Magenta (0%)

Yellow (69%)

Black (38%)



Cyan (59%)

Magenta (38%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4280, -39.6510, -22.3004 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 129.4280, -39.6510, -22.3004 by changing the saturation by 10% instead.

■ 129.4280,
-39.6510, -22.3004

■ 129.4280,
-39.6510, -22.3004

■ 255.0000, 0.0000,
0.0000

■ 102.7870,
-40.8140, -22.6152

■ 184.0860,
-40.9614, -22.0004

■ 77.1720, -38.0458,
-23.8298

■ 212.5590,
-41.6876, -22.4152

■ 54.1250, -26.6836,
-28.1736

■ 231.9390,
-37.9309, -13.9785

■ 34.0460, -16.7847,
-29.8583

■ 243.6880,
-30.4122, 1.1506

■ 21.7190, -10.7075,
-19.0476

■ 249.9840,
-19.2191, 4.3990

■ 0.0000, 0.0000,
0.0000

■ 253.1760, -6.9888,

1.5996

■ 129.4280,
-39.6510, -22.3004

■ 129.4280,
-39.6510, -22.3004

■ 125.2120,
-45.4605, -25.6189

■ 133.6440,
-33.8415, -18.9818

■ 120.9960,
-51.2700, -28.9375

■ 137.8600,
-28.0320, -15.6632

■ 117.1930,
-56.7901, -31.7413

■ 141.6630,
-22.5119, -12.8595

■ 116.6660,
-57.5163, -32.1561

■ 145.8790,
-16.7023, -9.5409

■ 150.0950,
-10.8928, -6.2223

■ 154.3110, -5.0833,
-2.9037

■ 158.5270, 0.7262,
0.4148

■ 162.6290, 6.0989,
3.8334

■ 166.5460, 12.0558,
6.5372

Harmonies

Analogous

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



134.4200, -57.3951, 22.4337



129.4280, -39.6510, -22.3004



108.6140, -5.2327, -95.2545

Triad

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



129.4280, -39.6510, -22.3004



121.3940, 58.9658, -106.4625



140.2680, -2.5971, 86.5880

Complementary

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



129.4280, -39.6510, -22.3004



77.5720, 39.6510, 22.3004

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.



145.3030, 21.0496, 62.0013



129.4280, -39.6510, -22.3004



120.4810, 63.8529, -87.2448

Square

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



129.4280, -39.6510, -22.3004



121.3990, 41.2153, -106.4669



146.5490, 41.1413, 10.9195



139.5900, -27.8989, 81.9206

Rectangle

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



129.4280, -39.6510, -22.3004



114.0060, 10.3500, -99.9833



146.5490, 41.1413, 10.9195



141.7110, 5.5655, 81.8145

Sweetspot

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



129.4280, -39.6510, -22.3004



195.4060, -15.9762, -9.1261



112.7020, -31.4051, 39.7263



98.0350, -9.8773, -5.2927



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



129.4280, -39.6510, -22.3004



161.9770, -62.5997, -35.0598



113.5810, -31.8384, -54.8835



76.8920, -2.9048, -1.6593



105.4690, -51.9962, -29.3523



11.1970, -5.5201, -2.8038

Inverse Universe

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



77.5720, 39.6510, 22.3004



80.0230, 62.5997, 35.0598



93.4190, 31.8384, 54.8835



73.1080, 2.9048, 1.6593



37.5310, 51.9962, 29.3523



4.1020, 5.3727, 3.4185

Previews

White Background



This preview shows how the YUV color 129.4280, -39.6510, -22.3004 looks on a white 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

Black Background



This preview shows how the YUV color 129.4280, -39.6510, -22.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

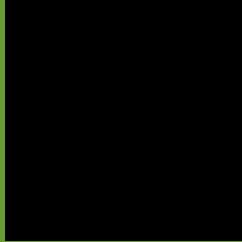
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.4280, -39.6510, -22.3004 Background



This preview shows how black text looks on a background with the YUV color 129.4280, -39.6510, -22.3004.



This preview shows how white text looks on a background with the YUV color 129.4280, -39.6510, -22.3004.

-22.3004.

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

129.4280, -39.6510, -22.3004

Protanopia

136.9110, -45.3121, 20.2491

Deuteranopia

139.5520, -40.6981, 33.7189



Tritanopia

140.5830, 9.0796, -18.9283

Trichromacy



Original Color

129.4280, -39.6510, -22.3004

Protanomaly

133.9800, -43.3741, 5.2795

Deuteranomaly

135.8330, -40.3437, 13.3015

Tritanomaly

136.8760, -8.8129, -20.0623

Monochromacy



Original Color

129.4280, -39.6510, -22.3004

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.4600, -14.5238, -8.2964

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4280, -39.6510, -22.3004 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(104, 158, 49)` looks like.

```
.text, #text, p{  
    color:rgb(104, 158, 49)  
}
```

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(104, 158, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 158, 49) }
```

Border

The CSS property to change the border of an element to YUV 129.4280, -39.6510, -22.3004 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(104, 158, 49) }
```


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

```
.border{ border-color:rgb(104, 158, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 158, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 158, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 158, 49);  
box-shadow:4px 4px 4px 4px rgb(104, 158,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 129.4280, -39.6510, -22.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 158, 49) }
```

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

```
.background{ background-color: rgb(104,  
158, 49) }
```

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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