

Converting Colors

YUV(121.6410, -39.2630,
-6.7012)

Have a look what the booklet for
YUV(121.6410, -39.2630, -6.7012)
contains.

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Color

**YUV(121.6410, -39.2630,
-6.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	728D2A
RGB	114, 141, 42
RGB Percent	45%, 55%, 16%
CMY	0.5529, 0.4471, 0.8353
CMYK	0.19, 0.00, 0.70, 0.45
HSL	76°, 54%, 36%
HSV	76°, 70%, 55%
XYZ	16.8822, 22.7943, 5.7004
YIQ	121.6410, 15.6870, -36.5130

Conversions

Conversions Part 2

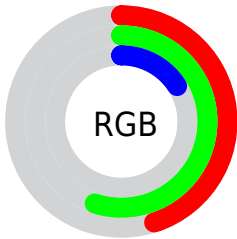
Format	Color
R_{YB}	42, 141, 69
Decimal	7507242
CIE _{Lab}	54.86, -24.37, 47.35
CIE _{LCh}	55, 53.256, 117.232
Yxy	22.7943, 0.3720, 0.5023
Android (android.graphics.Color)	4285697322 (0xFF728D2A)
YUV	121.6410, -39.2630, -6.7012
Hunter-Lab	47.7434, -20.4328, 26.3413

Details

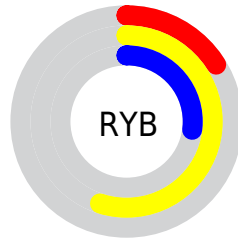
The YUV color **121.6410, -39.2630, -6.7012** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **61.3590, 39.2630, 6.7012**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4130, -40.1366, -6.5012**, and **71.9550, -35.4738, -8.7305** is the 20% darker color. If you saturate the color by 10%, you get **118.8490, -44.7886, -7.7606**, and if you desaturate by 10%, it is **124.4330, -33.7375, -5.6417**.

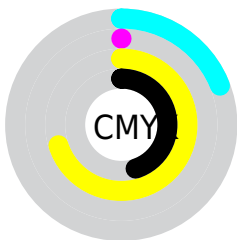
Distribution



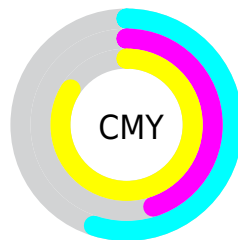
- Red (45%)
- Green (55%)
- Blue (16%)



- Red (16%)
- Yellow (55%)
- Blue (27%)



- Cyan (19%)
- Magenta (0%)
- Yellow (70%)
- Black (45%)



- Cyan (55%)
- Magenta (45%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.6410, -39.2630, -6.7012 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 121.6410, -39.2630, -6.7012 by changing the saturation by 10% instead.

■ 121.6410,
-39.2630, -6.7012

■ 121.6410,
-39.2630, -6.7012

■ 255.0000, 0.0000,
0.0000

■ 95.1850, -41.0102,
-6.3012

■ 175.4130,
-40.1366, -6.5012

■ 71.9550, -35.4738,
-8.7305

■ 203.1850,
-41.0102, -6.3012

■ 50.3920, -24.8433,
-11.7448

■ 231.2560,
-42.0312, -5.4865

■ 29.1060, -14.3493,
-17.6330

■ 245.4670,
-35.2332, 7.4834

■ 15.2620, -7.5242,
-13.3848

■ 248.9580,
-23.1503, 5.2988

■ 0.0000, 0.0000,
0.0000

■ 252.1500,

-10.9200, 2.4994

■ 121.6410,
-39.2630, -6.7012

■ 121.6410,
-39.2630, -6.7012

■ 118.8490,
-44.7886, -7.7606

■ 124.4330,
-33.7375, -5.6417

■ 116.0570,
-50.3141, -8.8200

■ 127.2250,
-28.2119, -4.5823

■ 113.5640,
-55.9871, -9.2646

■ 130.0170,
-22.6864, -3.5229

■ 132.5100,
-17.0134, -3.0783

■ 135.3020,
-11.4879, -2.0189

■ 138.2080, -5.5255,
-1.0594

■ 141.0000, 0.0000,
0.0000

■ 143.7920, 5.5255,
1.0594

■ 146.5840, 11.0511,
2.1188

Harmonies

Analogous

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



126.0970, -47.3758, 28.8559



121.6410, -39.2630, -6.7012



111.1200, -15.8352, -54.4792

Triad

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



121.6410, -39.2630, -6.7012



110.5880, 48.0241, -96.9857



130.4770, 3.7088, 70.6187

Complementary

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



121.6410, -39.2630, -6.7012



61.3590, 39.2630, 6.7012

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.



134.7520, 23.2933, 42.3135



121.6410, -39.2630, -6.7012



106.4280, 57.4700, -93.3374

Square

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



121.6410, -39.2630, -6.7012



109.4190, 30.8524, -95.9605



132.4990, 40.1800, -7.4536



128.7660, -18.1256, 73.8732

Rectangle

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



121.6410, -39.2630, -6.7012



101.6500, 3.6236, -89.1470



132.4990, 40.1800, -7.4536



132.1540, 10.2771, 63.8859

Sweetspot

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



121.6410, -39.2630, -6.7012



176.2650, -15.4136, -2.8634



86.8630, -22.1175, 47.4781



87.5840, -9.1619, -1.3892



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



121.6410, -39.2630, -6.7012



153.7720, -61.5126, -10.3240



106.9900, -32.0401, -36.8252



69.6040, -2.7628, -0.5297



108.5470, -53.5137, -9.2497



6.4900, -3.1996, -0.4297

Inverse Universe

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



61.3590, 39.2630, 6.7012



59.2280, 61.5126, 10.3240



76.0100, 32.0401, 36.8252



65.3960, 2.7628, 0.5297



26.4530, 53.5137, 9.2497



1.5100, 3.1996, 0.4297

Previews

White Background



This preview shows how the YUV color 121.6410, -39.2630, -6.7012 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 121.6410, -39.2630, -6.7012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

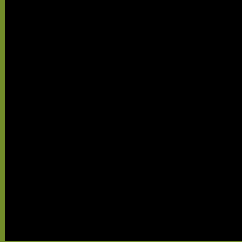
Any Text WCAG AA ✓ Pass

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 121.6410, -39.2630, -6.7012 Background



This preview shows how black text looks on a background with the YUV color 121.6410, -39.2630, -6.7012.



This preview shows how white text looks on a background with the YUV color 121.6410, -39.2630, -6.7012.

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

121.6410, -39.2630, -6.7012

Protanopia

125.2960, -42.5439, 19.0344

Deuteranopia

126.9970, -38.9455, 31.5746



Tritanopia

131.0470, 5.3998, -5.3032

Trichromacy



Original Color

121.6410, -39.2630, -6.7012

Protanomaly

124.1700, -41.4958, 9.4979

Deuteranomaly

124.9090, -38.9021, 17.6198

Tritanomaly

127.5080, -10.6034, -5.7075

Monochromacy



Original Color

121.6410, -39.2630, -6.7012

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9060, -14.2507, -2.5486

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6410, -39.2630, -6.7012 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, 141, 42)` looks like.

```
.text, #text, p{  
    color:rgb(114, 141, 42)  
}
```

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, 141, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 141, 42) }
```

Border

The CSS property to change the border of an element to YUV 121.6410, -39.2630, -6.7012 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, 141, 42) }
```


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

```
.border{ border-color:rgb(114, 141, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 141, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 141, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 141, 42);  
box-shadow:4px 4px 4px 4px rgb(114, 141,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 121.6410, -39.2630, -6.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 141, 42) }
```

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

```
.background{ background-color: rgb(114,  
141, 42) }
```

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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