

Converting Colors

YUV(142.5220, -69.2773,
-39.9228)

Have a look what the booklet for
YUV(142.5220, -69.2773, -39.9228)
contains.

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Color

**YUV(142.5220, -69.2773,
-39.9228)**

Conversions

Conversions Part 1

Format	Color
Hex	61C102
RGB	97, 193, 2
RGB Percent	38%, 76%, 1%
CMY	0.6196, 0.2431, 0.9922
CMYK	0.50, 0.00, 0.99, 0.24
HSL	90°, 98%, 38%
HSV	90°, 99%, 76%
XYZ	24.0107, 40.6857, 6.6451
YIQ	142.5220, 4.0950, -79.7530

Conversions

Conversions Part 2

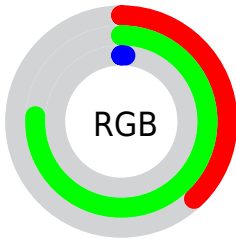
Format	Color
R_{YB}	2, 193, 98
Decimal	6406402
CIE _{Lab}	69.96, -54.42, 69.46
CIE _{LCh}	70, 88.236, 128.079
Yxy	40.6857, 0.3366, 0.5703
Android (android.graphics.Color)	4284596482 (0xFF61C102)
YUV	142.5220, -69.2773, -39.9228
Hunter-Lab	63.7853, -44.4317, 38.4730

Details

The YUV color **142.5220, -69.2773, -39.9228** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **52.4780, 69.2773, 39.9228**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.5140, -60.3994, -40.7928**, and **89.0790, -43.9159, -54.4433** is the 20% darker color. If you saturate the color by 10%, you get **141.9950, -70.0035, -40.3376**, and if you desaturate by 10%, it is **147.6780, -62.4523, -35.6746**.

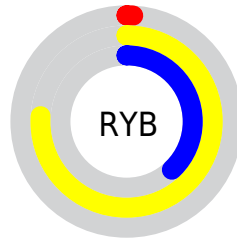
Distribution



Red (38%)

Green (76%)

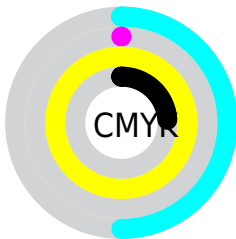
Blue (1%)



Red (1%)

Yellow (76%)

Blue (38%)

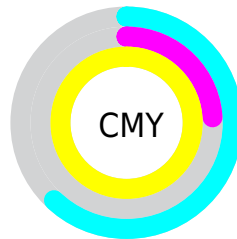


Cyan (50%)

Magenta (0%)

Yellow (99%)

Black (24%)



Cyan (62%)

Magenta (24%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.5220, -69.2773, -39.9228 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 142.5220, -69.2773, -39.9228 by changing the saturation by 10% instead.

■ 142.5220,
-69.2773, -39.9228

■ 142.5220,
-69.2773, -39.9228

■ 255.0000, 0.0000,
0.0000

■ 116.5890,
-57.4784, -44.3666

■ 202.5140,
-60.3994, -40.7928

■ 89.0790, -43.9159,
-54.4433

■ 217.7250,
-53.6014, -27.8228

■ 65.7440, -32.4118,
-57.6575

■ 229.8870,
-45.7933, -12.1789

■ 51.0690, -25.1770,
-44.7875

■ 242.1630,
-37.5484, 3.3650

■ 36.3940, -17.9422,
-31.9175

■ 248.1600,
-26.2079, 5.9987

■ 23.4800, -11.5756,
-20.5920

■ 251.4660,

■ 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.8860, -0.4368,
0.1000

■ 142.5220,
-69.2773, -39.9228

■ 142.5220,
-69.2773, -39.9228

■ 141.9950,
-70.0035, -40.3376

■ 147.6780,
-62.4523, -35.6746

■ 152.6490,
-55.0430, -32.1412

■ 157.8050,
-48.2179, -27.8930

■ 162.9610,
-41.3928, -23.6448

■ 168.1170,
-34.5677, -19.3966

■ 173.0880,
-27.1584, -15.8632

■ 178.2440,
-20.3333, -11.6150

■ 183.4000,
-13.5082, -7.3668

■ 188.3710, -6.0989,
-3.8334

Harmonies

Analogous

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



158.3390, -78.0611, 24.2587



142.5220, -69.2773, -39.9228



131.3590, -12.0090, -115.2018

Triad

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



142.5220, -69.2773, -39.9228



143.5350, 54.9522, -125.8802



137.7120, 7.5370, 102.8616

Complementary

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



142.5220, -69.2773, -39.9228



52.4780, 69.2773, 39.9228

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.



158.5720, 36.6930, 84.5674



142.5220, -69.2773, -39.9228



131.2080, 61.0295, -115.0694

Square

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



142.5220, -69.2773, -39.9228



149.4050, 52.0583, -131.0282



169.8650, 41.9716, 24.6744



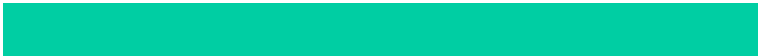
146.5440, -34.7782, 95.1159

Rectangle

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



142.5220, -69.2773, -39.9228



139.5040, 11.5835, -122.3450



169.8650, 41.9716, 24.6744



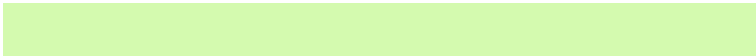
141.3770, 19.0411, 99.6474

Sweetspot

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



142.5220, -69.2773, -39.9228



230.0880, -27.1584, -15.8632



115.4610, -55.9363, 68.0017



112.9930, -16.2655, -9.6409



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



142.5220, -69.2773, -39.9228



183.8260, -90.6262, -52.4674



114.1170, -55.2737, -98.3266



94.3650, -3.6309, -2.0741



118.4270, -58.3845, -33.7005



24.1550, -11.9084, -7.1519

Inverse Universe

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



52.4780, 69.2773, 39.9228



66.1740, 90.6262, 52.4674



80.8830, 55.2737, 98.3266



89.6350, 3.6309, 2.0741



42.5730, 58.3845, 33.7005



8.8450, 11.9084, 7.1519

Previews

White Background



This preview shows how the YUV color 142.5220, -69.2773, -39.9228 looks on a white background.

Color Contrast Check

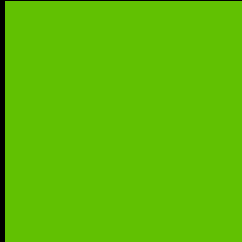
Large Text (above 18pt) WCAG AA × Fail

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 142.5220, -69.2773, -39.9228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

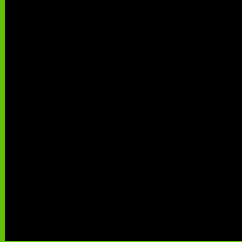
Any Text WCAG AA ✓ Pass

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 142.5220, -69.2773, -39.9228 Background



This preview shows how black text looks on a background with the YUV color 142.5220, -69.2773, -39.9228.



This preview shows how white text looks on a background with the YUV color 142.5220, -69.2773, -39.9228.

-39.9228.

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

142.5220, -69.2773, -39.9228

Protanopia

157.1980, -77.4986, 30.5214

Deuteranopia

162.9390, -61.1019, 44.7805



Tritanopia

163.9660, 14.8068, -35.9272

Trichromacy



Original Color

142.5220, -69.2773, -39.9228

Protanomaly

151.5430, -74.2177, 4.7858

Deuteranomaly

155.6440, -63.9145, 13.4672

Tritanomaly

156.2300, -15.8894, -37.0357

Monochromacy



Original Color

142.5220, -69.2773, -39.9228

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.6690, -24.9798, -14.6187

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.5220, -69.2773, -39.9228 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(97, 193, 2)` looks like.

```
.text, #text, p{  
    color:rgb(97, 193, 2)  
}
```

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(97, 193, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 193, 2) }
```

Border

The CSS property to change the border of an element to YUV 142.5220, -69.2773, -39.9228 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(97, 193, 2) }
```


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

```
.border{ border-color:rgb(97, 193, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 193, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 193, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 193, 2);  
box-shadow:4px 4px 4px 4px rgb(97, 193, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 142.5220, -69.2773, -39.9228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 193, 2) }
```

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

```
.background{ background-color: rgb(97, 193,  
2) }
```

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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