

Converting Colors

YUV(142.3420, -39.1156,
-7.3159)

Have a look what the booklet for
YUV(142.3420, -39.1156, -7.3159)
contains.

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Color

**YUV(142.3420, -39.1156,
-7.3159)**

Conversions

Conversions Part 1

Format	Color
Hex	86A23F
RGB	134, 162, 63
RGB Percent	53%, 64%, 25%
CMY	0.4745, 0.3647, 0.7529
CMYK	0.17, 0.00, 0.61, 0.36
HSL	77°, 44%, 44%
HSV	77°, 61%, 64%
XYZ	23.6490, 31.2679, 9.4915
YIQ	142.3420, 15.0910, -36.7250

Conversions

Conversions Part 2

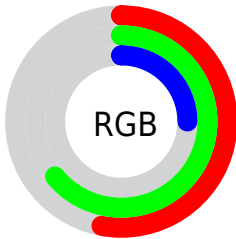
Format	Color
RYB	63, 162, 91
Decimal	8823359
CIELab	62.73, -24.89, 47.07
CIELCh	63, 53.241, 117.866
Yxy	31.2679, 0.3672, 0.4855
Android (android.graphics.Color)	4287013439 (0xFF86A23F)
YUV	142.3420, -39.1156, -7.3159
Hunter-Lab	55.9177, -22.3636, 29.0785

Details

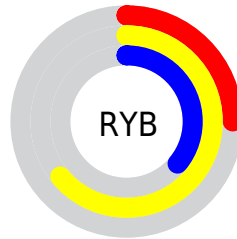
The YUV color **142.3420, -39.1156, -7.3159** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **82.6580, 39.1156, 7.3159**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.0000, -40.4260, -7.0160**, and **89.3590, -41.5890, -7.3308** is the 20% darker color. If you saturate the color by 10%, you get **139.0230, -45.3673, -8.7902**, and if you desaturate by 10%, it is **145.6610, -32.8639, -5.8417**.

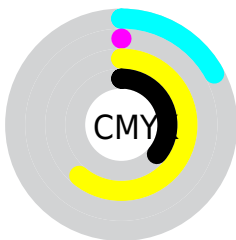
Distribution



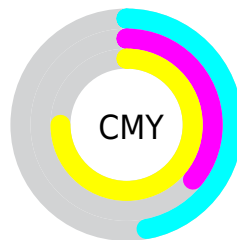
- Red (53%)
- Green (64%)
- Blue (25%)



- Red (25%)
- Yellow (64%)
- Blue (36%)



- Cyan (17%)
- Magenta (0%)
- Yellow (61%)
- Black (36%)



- Cyan (47%)
- Magenta (36%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.3420, -39.1156, -7.3159 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 142.3420, -39.1156, -7.3159 by changing the saturation by 10% instead.

■ 142.3420,
-39.1156, -7.3159

■ 142.3420,
-39.1156, -7.3159

255.0000, 0.0000,
0.0000

■ 116.0430,
-38.9682, -7.9307

■ 197.0000,
-40.4260, -7.0160

■ 89.3590, -41.5890,
-7.3308

■ 225.0710,
-41.4470, -6.2013

■ 67.2260, -33.1424,
-9.8452

■ 242.6900,
-36.8222, 3.7799

■ 45.6630, -22.5119,
-12.8595

■ 248.2740,
-25.7711, 5.8987

■ 23.7790, -11.7230,
-19.9772

■ 251.5800,
-13.1039, 2.9993

■ 9.9790, -4.9196,
-8.7516

254.8860, -0.4368,

■ 0.0000, 0.0000,

0.1000

0.0000

■ 142.3420,
-39.1156, -7.3159

■ 142.3420,
-39.1156, -7.3159

■ 139.0230,
-45.3673, -8.7902

■ 145.6610,
-32.8639, -5.8417

■ 136.0030,
-51.7665, -9.6496

■ 148.6810,
-26.4647, -4.9822

■ 132.5700,
-58.4550, -11.0239

■ 152.1140,
-19.7762, -3.6080

■ 129.7780,
-63.9806, -12.0833

■ 155.1340,
-13.3771, -2.7485

■ 158.4530, -7.1253,
-1.2743

■ 161.4730, -0.7262,
-0.4148

■ 164.7920, 5.5255,
1.0594

■ 168.2250, 12.2141,
2.4337

■ 171.2450, 18.6132,
3.2931

Harmonies

Analogous

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



146.9230, -46.7970, 29.8855



142.3420, -39.1156, -7.3159



132.8920, -16.7088, -54.2793

Triad

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



142.3420, -39.1156, -7.3159



125.5370, 51.9933, -110.0959



152.7330, 2.1036, 72.1482

Complementary

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



142.3420, -39.1156, -7.3159



82.6580, 39.1156, 7.3159

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.



155.7630, 23.2878, 44.0578



142.3420, -39.1156, -7.3159



127.3680, 58.4856, -92.4077

Square

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



142.3420, -39.1156, -7.3159



124.3680, 34.8216, -109.0707



153.9230, 40.4640, -5.1945



150.3210, -19.8783, 76.0175

Rectangle

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



142.3420, -39.1156, -7.3159



116.9580, 6.4297, -102.5722



153.9230, 40.4640, -5.1945



153.9370, 9.3981, 65.8303

Sweetspot

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



142.3420, -39.1156, -7.3159



204.3790, -14.9768, -2.9634



107.8630, -22.1175, 47.4781



102.2850, -9.0145, -2.0039



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



142.3420, -39.1156, -7.3159



181.1740, -61.2178, -11.5536



127.9900, -32.0401, -36.8252



80.0770, -3.4890, -0.9445



116.2110, -57.2920, -10.7090



14.4530, -7.1253, -1.2743

Inverse Universe

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



82.6580, 39.1156, 7.3159



87.8260, 61.2178, 11.5536



97.0100, 32.0401, 36.8252



74.9230, 3.4890, 0.9445



28.7890, 57.2920, 10.7090



3.5470, 7.1253, 1.2743

Previews

White Background



This preview shows how the YUV color 142.3420, -39.1156, -7.3159 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 142.3420, -39.1156, -7.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

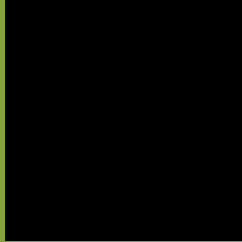
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 142.3420, -39.1156, -7.3159

Background



This preview shows how black text looks on a background with the YUV color 142.3420, -39.1156, -7.3159.



This preview shows how white text looks on a background with the YUV color 142.3420, -39.1156, -7.3159.

-7.3159.

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

142.3420, -39.1156, -7.3159

Protanopia

146.5950, -42.6913, 19.6492

Deuteranopia

148.1930, -39.5351, 34.0337



Tritanopia

151.5740, 6.1260, -4.8884

Trichromacy



Original Color

142.3420, -39.1156, -7.3159

Protanomaly

145.1700, -41.4958, 9.4979

Deuteranomaly

146.3930, -39.6337, 18.9493

Tritanomaly

148.5080, -10.6034, -5.7075

Monochromacy



Original Color

142.3420, -39.1156, -7.3159

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.9060, -14.2507, -2.5486

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.3420, -39.1156, -7.3159 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(134, 162, 63)` looks like.

```
.text, #text, p{  
    color:rgb(134, 162, 63)  
}
```

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(134, 162, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 162, 63) }
```

Border

The CSS property to change the border of an element to YUV 142.3420, -39.1156, -7.3159 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(134, 162, 63) }
```


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

```
.border{ border-color:rgb(134, 162, 63) }
```

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

Here you see how a box with a 4 pixel rgb(134, 162, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 162, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 162, 63);  
box-shadow:4px 4px 4px 4px rgb(134, 162,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 142.3420, -39.1156, -7.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 162, 63) }
```

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

```
.background{ background-color: rgb(134,  
162, 63) }
```

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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