

Converting Colors

YUV(238.6470, -55.0420,
14.3416)

Have a look what the booklet for
YUV(238.6470, -55.0420, 14.3416)
contains.

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Color

**YUV(238.6470, -55.0420,
14.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFC7F
RGB	255, 252, 127
RGB Percent	100%, 99%, 50%
CMY	0.0000, 0.0118, 0.5020
CMYK	0.00, 0.01, 0.50, 0.00
HSL	59°, 100%, 75%
HSV	59°, 50%, 100%
XYZ	79.8812, 92.4131, 33.7060
YIQ	238.6470, 41.9130, -38.2390

Conversions

Conversions Part 2

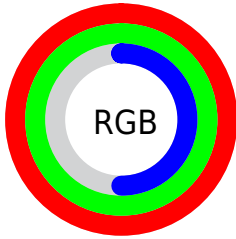
Format	Color
RYB	130, 255, 127
Decimal	16776319
CIELab	96.99, -15.17, 59.51
CIElCh	97, 61.417, 104.300
Yxy	92.4131, 0.3878, 0.4486
Android (android.graphics.Color)	4294966399 (0xFFFFFC7F)
YUV	238.6470, -55.0420, 14.3416
Hunter-Lab	96.1317, -19.9050, 46.5038

Details

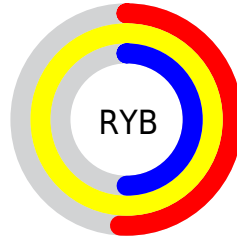
The YUV color **238.6470, -55.0420, 14.3416** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **143.3530, 55.0420, -14.3416**, and the grayscale version is **239.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6780, -31.8863, 7.2984**, and **181.9780, -53.7262, 12.2973** is the 20% darker color. If you saturate the color by 10%, you get **235.2100, -65.6725, 17.3558**, and if you desaturate by 10%, it is **242.1980, -43.9746, 11.2274**.

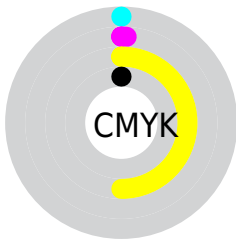
Distribution



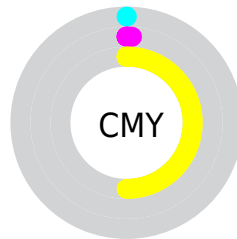
- Red (100%)
- Green (99%)
- Blue (50%)



- Red (51%)
- Yellow (100%)
- Blue (50%)



- Cyan (0%)
- Magenta (1%)
- Yellow (50%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.6470, -55.0420, 14.3416 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 238.6470, -55.0420, 14.3416 by changing the saturation by 10% instead.

238.6470,
-55.0420, 14.3416

238.6470,
-55.0420, 14.3416

255.0000, 0.0000,
0.0000

209.5760,
-54.0210, 13.5268

246.6780,
-31.8863, 7.2984

181.9780,
-53.7262, 12.2973

249.9840,
-19.2191, 4.3990

153.6790,
-53.5787, 11.6825

253.2900, -6.5520,
1.4997

125.8270,
-58.0887, 11.5527

102.1670,
-50.3683, 8.6235

79.4190, -39.1536,
4.8945

58.1440, -28.6650,

0.7507

■ 37.4560, -18.4658,
-3.9079

■ 15.8490, -7.8136,
-13.8996

■ 238.6470,
-55.0420, 14.3416

■ 238.6470,
-55.0420, 14.3416

■ 235.2100,
-65.6725, 17.3558

■ 242.1980,
-43.9746, 11.2274

■ 232.2460,
-77.0293, 19.9553

■ 245.0480,
-33.0547, 8.7279

■ 228.8090,
-87.6598, 22.9695

■ 248.5990,
-21.9873, 5.6137

■ 225.8450,
-99.0166, 25.5689

■ 251.4490,
-11.0674, 3.1142

■ 222.4080,
-109.6471, 28.5832

255.0000, 0.0000,
0.0000

Harmonies

Analogous

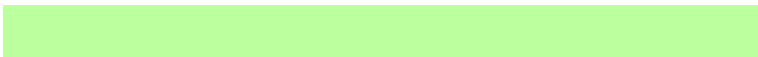
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.2490, -47.9438, 24.3376



238.6470, -55.0420, 14.3416



223.9090, -32.4931, -31.4922

Triad

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



238.6470, -55.0420, 14.3416



178.7550, 37.5888, -156.7681



223.3020, 15.6271, 27.7991

Complementary

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



238.6470, -55.0420, 14.3416



143.3530, 55.0420, -14.3416

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.



234.4550, 10.1287, 18.0180



238.6470, -55.0420, 14.3416



194.0040, 30.0710, -125.4145

Square

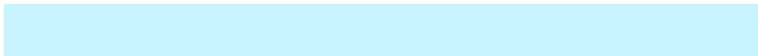
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.6470, -55.0420, 14.3416



178.7550, 37.5888, -156.7681



231.8100, 11.4327, -27.0204



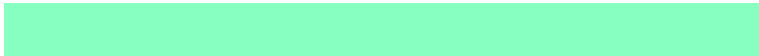
217.5510, 1.2074, 32.8428

Rectangle

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



238.6470, -55.0420, 14.3416



211.6390, -9.6820, -68.0894



231.8100, 11.4327, -27.0204



226.2370, 14.1802, 25.2252

Sweetspot

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



238.6470, -55.0420, 14.3416



250.0810, -16.3089, 4.3140



165.7280, -17.1209, 78.2915



124.7910, -9.7570, 2.8143



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

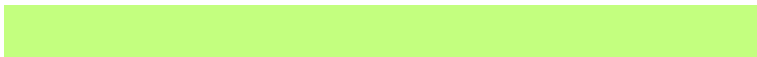
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.6470, -55.0420, 14.3416



235.2100, -65.6725, 17.3558



222.4680, -47.0657, -24.0894



125.9310, -5.3890, 1.8145



166.8780, -82.2709, 21.1550



55.5300, -27.3763, 7.4282

Inverse Universe

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



143.3530, 55.0420, -14.3416



121.7900, 65.6725, -17.3558



159.5320, 47.0657, 24.0894



116.4820, 5.6784, -1.2997



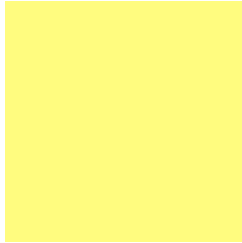
24.1220, 82.2709, -21.1550



7.8830, 27.6657, -6.9134

Previews

White Background



This preview shows how the YUV color 238.6470, -55.0420, 14.3416 looks on a white background.

Color Contrast Check

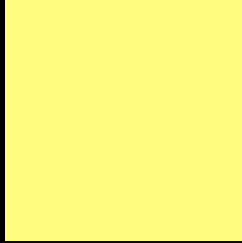
Large Text (above 18pt) WCAG AA × Fail

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 238.6470, -55.0420, 14.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

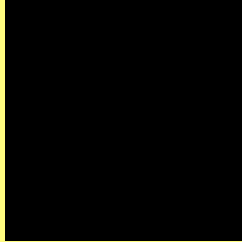
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 238.6470, -55.0420, 14.3416

Background



This preview shows how black text looks on a background with the YUV color 238.6470, -55.0420, 14.3416.



This preview shows how white text looks on a background with the YUV color 238.6470, -55.0420, 14.3416.

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



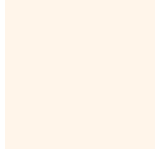
Original Color

238.6470, -55.0420, 14.3416



Protanopia

245.1570, -14.8674, 8.6323



Deuteranopia

246.7360, -6.2788, 7.2475



Tritanopia

247.3860, 1.2887, 6.6775

Trichromacy



Original Color

238.6470, -55.0420, 14.3416



Protanomaly

242.6830, -29.4237, 10.8020



Deuteranomaly

244.0510, -24.1821, 9.6023



Tritanomaly

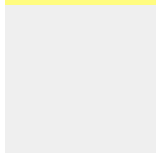
244.0170, -19.2354, 9.6321

Monochromacy



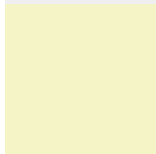
Original Color

238.6470, -55.0420, 14.3416



Achromatopsia

239.0000, 0.0000, 0.0000



Achromatomaly

239.0550, -20.2401, 5.2138

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.6470, -55.0420, 14.3416 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(255, 252, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 127)  
}
```

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(255, 252, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 127) }
```

Border

The CSS property to change the border of an element to YUV 238.6470, -55.0420, 14.3416 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(255, 252, 127) }
```


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

```
.border{ border-color:rgb(255, 252, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 238.6470, -55.0420, 14.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 127) }
```

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

```
.background{ background-color: rgb(255,  
252, 127) }
```

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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