

# Converting Colors

YUV(139.0720, 27.5725,  
-23.7421)

Have a look what the booklet for  
YUV(139.0720, 27.5725, -23.7421)  
contains.

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# Color

**YUV(139.0720, 27.5725,  
-23.7421)**

# Conversions

## Conversions Part 1

Format	Color
Hex	708EC3
RGB	112, 142, 195
RGB Percent	44%, 56%, 76%
CMY	0.5608, 0.4431, 0.2353
CMYK	0.43, 0.27, 0.00, 0.24
HSL	218°, 41%, 60%
HSV	218°, 43%, 76%
XYZ	26.2054, 26.7309, 55.4082
YIQ	139.0720, -34.8930, 10.1230

# Conversions

## Conversions Part 2

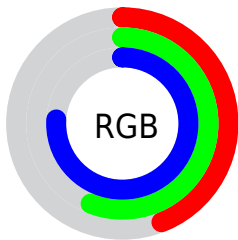
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	112, 134, 195
Decimal	7376579
CIE Lab	58.72, 3.34, -30.84
CIE LCh	59, 31.019, 276.181
Yxy	26.7309, 0.2419, 0.2467
Android (android.graphics.Color)	4285566659 (0xFF708EC3)
YUV	139.0720, 27.5725, -23.7421
Hunter-Lab	51.7019, -0.0046, -27.3489

# Details

The YUV color **139.0720, 27.5725, -23.7421** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **167.9280, -27.5725, 23.7421**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7130, 28.7355, -23.4273**, and **87.4200, 26.4149, -25.8013** is the 20% darker color. If you saturate the color by 10%, you get **126.0480, 33.9933, -29.8601**, and if you desaturate by 10%, it is **152.0960, 21.1517, -17.6242**.

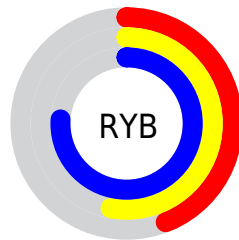
# Distribution



Red (44%)

Green (56%)

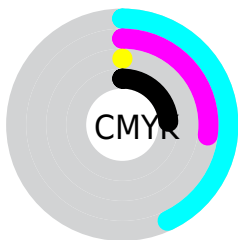
Blue (76%)



Red (44%)

Yellow (53%)

Blue (76%)

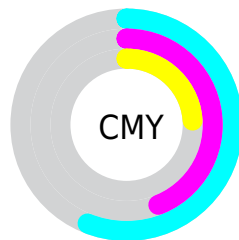


Cyan (43%)

Magenta (27%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (44%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.0720, 27.5725, -23.7421 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 139.0720, 27.5725, -23.7421 by changing the saturation by 10% instead.



■ 139.0720, 27.5725,  
-23.7421

■ 139.0720, 27.5725,  
-23.7421

255.0000, 0.0000,  
0.0000

■ 113.2460, 26.9937,  
-24.7717

■ 193.7130, 28.7355,  
-23.4273

■ 87.4200, 26.4149,  
-25.8013

■ 218.2760, 18.1049,  
-20.4131

■ 62.2840, 25.9890,  
-29.1901

■ 243.9700, 5.4378,  
-17.5137

■ 37.8490, 25.7104,  
-33.1936

254.4020, 0.2948,  
-1.2296

■ 22.9000, 21.7413,  
-20.0833

■ 6.7770, 18.3509,  
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,  
0.0000

■ 139.0720, 27.5725,  
-23.7421

■ 139.0720, 27.5725,  
-23.7421

■ 126.0480, 33.9933,  
-29.8601

■ 152.0960, 21.1517,  
-17.6242

■ 112.7360, 40.5562,  
-34.8485

■ 165.4080, 14.5889,  
-12.6358

■ 99.7120, 46.9770,  
-40.9664

■ 178.4320, 8.1680,  
-6.5179

■ 86.4000, 53.5398,  
-45.9548

■ 191.7440, 1.6052,  
-1.5295

■ 73.3760, 59.9606,  
-52.0728

■ 204.4690, -4.6682,  
3.9737

■ 63.3200, 64.9182,  
-55.5316

■ 218.0800,  
-11.3784, 9.5768

■ 230.8050,  
-17.6519, 15.0800

■ 240.5290,  
-22.4458, 12.6911

■ 247.5730,  
-25.9185, 6.5135

# Harmonies

## Analogous

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



129.7430, 29.7067, -55.0256



139.0720, 27.5725, -23.7421



144.0220, 20.2022, 6.9967

# Triad

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



139.0720, 27.5725, -23.7421



142.7360, -16.1388, 43.2045



131.3580, -6.5855, -34.5170

# Complementary

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



139.0720, 27.5725, -23.7421



167.9280, -27.5725, 23.7421

# 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.



135.7820, -19.6125, -9.4558



139.0720, 27.5725, -23.7421



141.1940, -24.2526, 32.2789

# Square

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



139.0720, 27.5725, -23.7421



144.0640, -3.4826, 43.7939



138.7310, -25.5034, 13.3909



125.2590, 10.2253, -59.8631



# Rectangle

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



139.0720, 27.5725, -23.7421



144.9980, 13.3120, 23.6808



138.7310, -25.5034, 13.3909



133.1480, -11.4120, -26.4398

# Sweetspot

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



139.0720, 27.5725, -23.7421



230.1050, 10.7942, -8.8621



166.7630, -0.8692, -48.0272



113.5030, 7.1470, -5.7031



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.



139.0720, 27.5725, -23.7421



165.5940, 42.5982, -36.4779



124.7510, 34.6328, -1.5356



90.4880, 3.2104, -3.0590



52.4000, 53.5398, -45.9548



10.8060, 10.9416, -9.4769



# Inverse Universe

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



140.2370, 0.8692, 48.0272



167.5160, 1.2246, 74.0925



182.2490, -34.6328, 1.5356



90.4460, 0.2731, 5.7479



54.7510, 1.6018, 93.1804

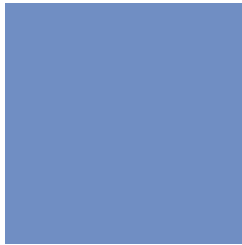


11.2350, 0.3771, 19.0879



# Previews

## White Background



This preview shows how the YUV color 139.0720, 27.5725, -23.7421 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

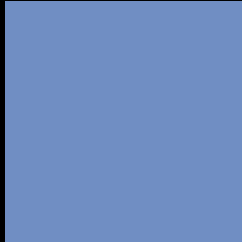
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 139.0720, 27.5725, -23.7421 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

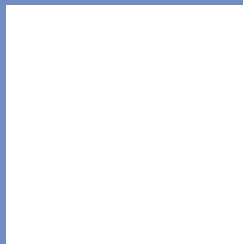
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 139.0720, 27.5725, -23.7421

## Background



This preview shows how black text looks on a background with the YUV color 139.0720, 27.5725, -23.7421.



This preview shows how white text looks on a background with the YUV color 139.0720, 27.5725, -23.7421.



# 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

139.0720, 27.5725, -23.7421

### Protanopia

140.9700, 25.6508, -14.0057

### Deuteranopia

140.7140, 27.2560, -15.5352



## Tritanopia

135.9130, 11.8749, -28.8647

# Trichromacy



## Original Color

139.0720, 27.5725, -23.7421

## Protanomaly

140.1760, 26.5352, -17.6944

## Deuteranomaly

140.1050, 27.5562, -18.5091

## Tritanomaly

137.1180, 17.6898, -27.2905

# Monochromacy



## Original Color

139.0720, 27.5725, -23.7421

## Achromatopsia

139.0000, 0.0000, 0.0000

## Achromatomaly

138.8770, 9.9206, -8.6621

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.0720, 27.5725, -23.7421 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(112, 142, 195)` looks like.

```
.text, #text, p{  
    color:rgb(112, 142, 195)  
}
```

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(112, 142, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 142, 195) }
```

## Border

The CSS property to change the border of an element to YUV 139.0720, 27.5725, -23.7421 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(112, 142, 195) }
```



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

```
.border{ border-color:rgb(112, 142, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 142, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 142, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 142, 195);  
box-shadow:4px 4px 4px 4px rgb(112, 142,  
195) }
```

# Background

The CSS property to change the background color of an element to YUV 139.0720, 27.5725, -23.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 142, 195) }
```

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

```
.background{ background-color: rgb(112,  
142, 195) }
```

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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