

Converting Colors

YUV(135.3160, -66.7108,
-23.0791)

Have a look what the booklet for
YUV(135.3160, -66.7108, -23.0791)
contains.

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Color

**YUV(135.3160, -66.7108,
-23.0791)**

Conversions

Conversions Part 1

Format	Color
Hex	6DAF00
RGB	109, 175, 0
RGB Percent	43%, 69%, 0%
CMY	0.5725, 0.3137, 1.0000
CMYK	0.38, 0.00, 1.00, 0.31
HSL	83°, 100%, 34%
HSV	83°, 100%, 69%
XYZ	21.6366, 33.9112, 5.4051
YIQ	135.3160, 16.8390, -68.4170

Conversions

Conversions Part 2

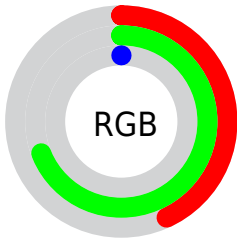
Format	Color
RYB	0, 175, 66
Decimal	7188224
CIELab	64.89, -43.38, 65.96
CIELCh	65, 78.949, 123.328
Yxy	33.9112, 0.3550, 0.5563
Android (android.graphics.Color)	4285378304 (0xFF6DAF00)
YUV	135.3160, -66.7108, -23.0791
Hunter-Lab	58.2333, -35.5864, 35.2601

Details

The YUV color **135.3160, -66.7108, -23.0791** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **39.6840, 66.7108, 23.0791**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.8950, -58.1222, -24.4639**, and **86.8630, -42.8235, -31.4519** is the 20% darker color. If you saturate the color by 10%, you get **135.3160, -66.7108, -23.0791**, and if you desaturate by 10%, it is **139.3470, -60.3171, -20.4753**.

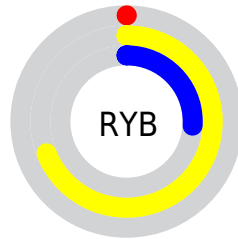
Distribution



Red (43%)

Green (69%)

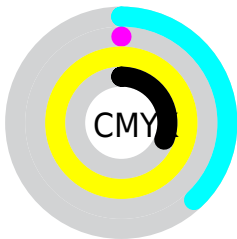
Blue (0%)



Red (0%)

Yellow (69%)

Blue (26%)

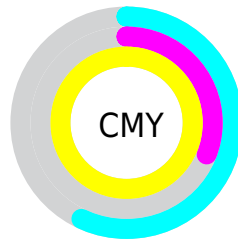


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (57%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.3160, -66.7108, -23.0791 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 135.3160, -66.7108, -23.0791 by changing the saturation by 10% instead.

■ 135.3160,
-66.7108, -23.0791

■ 135.3160,
-66.7108, -23.0791

■ 255.0000, 0.0000,
0.0000

■ 110.7960,
-54.6224, -27.0081

■ 193.8950,
-58.1222, -24.4639

■ 86.8630, -42.8235,
-31.4519

■ 219.8460,
-57.1121, -21.7899

■ 60.5380, -29.8452,
-40.8138

■ 232.0080,
-49.3039, -6.1460

■ 42.2640, -20.8362,
-37.0655

■ 244.1700,
-41.4958, 9.4979

■ 28.7630, -14.1802,
-25.2252

■ 247.4760,
-28.8287, 6.5985

■ 15.2620, -7.5242,
-13.3848

■ 250.7820,

■ 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.0880, -3.4944,
0.7998

135.3160,
-66.7108, -23.0791

139.3470,
-60.3171, -20.4753

143.1930,
-53.3391, -18.5863

147.3380,
-46.5086, -16.0824

151.0700,
-39.9675, -14.0934

155.2150,
-33.1370, -11.5896

■ 159.2460,
-26.7433, -8.9857

■ 162.9780,
-20.2022, -6.9967

■ 167.1230,
-13.3716, -4.4929

■ 170.9690, -6.3937,
-2.6038

Harmonies

Analogous

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



146.5770, -72.2625, 31.0660



135.3160, -66.7108, -23.0791



118.8550, -14.2255, -104.2358

Triad

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



135.3160, -66.7108, -23.0791



135.3170, 59.0037, -118.6730



138.8860, 6.9582, 101.8320

Complementary

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



135.3160, -66.7108, -23.0791



39.6840, 66.7108, 23.0791

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.



157.2740, 31.9099, 78.6897



135.3160, -66.7108, -23.0791



125.3380, 63.9234, -109.9214

Square

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



135.3160, -66.7108, -23.0791



137.0320, 47.8052, -120.1771



157.6500, 47.9936, 6.4460



142.1730, -28.6793, 98.9493

Rectangle

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



135.3160, -66.7108, -23.0791



126.2020, 6.3094, -110.6792



157.6500, 47.9936, 6.4460



143.2690, 16.1364, 97.9881

Sweetspot

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



135.3160, -66.7108, -23.0791



211.4740, -25.8697, -9.1857



89.8930, -44.3172, 74.6388



105.4280, -15.9870, -5.6374



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



135.3160, -66.7108, -23.0791



175.4080, -86.4761, -30.1758



109.6020, -54.0338, -75.9500



84.7780, -3.3416, -1.5593



116.1560, -57.2649, -19.4308



17.6870, -8.7197, -3.2335

Inverse Universe

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



39.6840, 66.7108, 23.0791



51.5920, 86.4761, 30.1758



65.3980, 54.0338, 75.9500



79.9230, 3.4890, 0.9445



34.1430, 57.1175, 20.0456



5.3130, 8.7197, 3.2335

Previews

White Background



This preview shows how the YUV color 135.3160, -66.7108, -23.0791 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 135.3160, -66.7108, -23.0791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

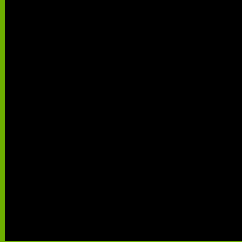
Any Text WCAG AA ✓ Pass

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 135.3160, -66.7108, -23.0791 Background



This preview shows how black text looks on a background with the YUV color 135.3160, -66.7108, -23.0791.



This preview shows how white text looks on a background with the YUV color 135.3160, -66.7108, -23.0791.

-23.0791.

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



Protanopia

145.0820, -71.5254, 27.9921

Deuteranopia

150.2420, -57.3073, 41.0068

Tritanopia

154.0170, 10.8376, -22.8169

Trichromacy



Protanomaly

141.7160, -69.8660, 9.0191

Deuteranomaly

144.5890, -60.4364, 17.9004

Tritanomaly

146.9760, -17.2432, -22.7810

Monochromacy



Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.5280, -24.4173, -8.3561

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.3160, -66.7108, -23.0791 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(109, 175, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 175, 0)  
}
```

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(109, 175, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 175, 0) }
```

Border

The CSS property to change the border of an element to YUV 135.3160, -66.7108, -23.0791 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(109, 175, 0) }
```

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

```
.border{ border-color:rgb(109, 175, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 175, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 175, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 175, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 175,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 135.3160, -66.7108, -23.0791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 175, 0) }
```

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

```
.background{ background-color: rgb(109,  
175, 0) }
```

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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