

Converting Colors

YUV(165.9830, -61.6166,
-23.6641)

Have a look what the booklet for
YUV(165.9830, -61.6166, -23.6641)
contains.

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Color

**YUV(165.9830, -61.6166,
-23.6641)**

Conversions

Conversions Part 1

Format	Color
Hex	8BCC29
RGB	139, 204, 41
RGB Percent	55%, 80%, 16%
CMY	0.4549, 0.2000, 0.8392
CMYK	0.32, 0.00, 0.80, 0.20
HSL	84°, 67%, 48%
HSV	84°, 80%, 80%
XYZ	32.6406, 48.8348, 9.8035
YIQ	165.9830, 13.5830, -64.4730

Conversions

Conversions Part 2

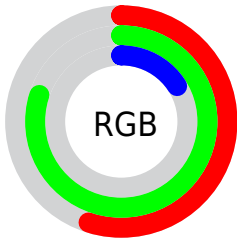
Format	Color
RYB	41, 204, 106
Decimal	9161769
CIELab	75.35, -43.60, 67.86
CIELCh	75, 80.658, 122.723
Yxy	48.8348, 0.3576, 0.5350
Android (android.graphics.Color)	4287351849 (0xFF8BCC29)
YUV	165.9830, -61.6166, -23.6641
Hunter-Lab	69.8819, -38.9192, 40.5997

Details

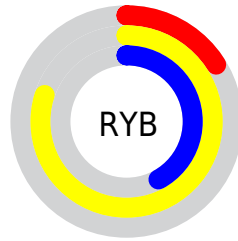
The YUV color **165.9830, -61.6166, -23.6641** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **79.0170, 61.6166, 23.6641**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1020, -58.7173, -20.2605**, and **111.9810, -55.2066, -26.2933** is the 20% darker color. If you saturate the color by 10%, you get **161.3110, -69.1733, -26.5827**, and if you desaturate by 10%, it is **170.6550, -54.0599, -20.7454**.

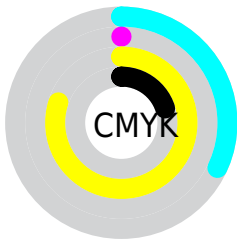
Distribution



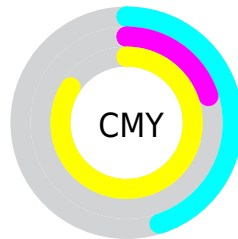
- Red (55%)
- Green (80%)
- Blue (16%)



- Red (16%)
- Yellow (80%)
- Blue (42%)



- Cyan (32%)
- Magenta (0%)
- Yellow (80%)
- Black (20%)



- Cyan (45%)
- Magenta (20%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.9830, -61.6166, -23.6641 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 165.9830, -61.6166, -23.6641 by changing the saturation by 10% instead.

■ 165.9830,
-61.6166, -23.6641

■ 165.9830,
-61.6166, -23.6641

■ 255.0000, 0.0000,
0.0000

■ 136.2020,
-67.1476, -22.9792

■ 220.1020,
-58.7173, -20.2605

■ 111.9810,
-55.2066, -26.2933

■ 231.9650,
-50.7617, -5.2313

■ 87.7490, -43.2603,
-31.3519

■ 243.8280,
-42.8062, 9.7978

■ 62.3100, -30.7188,
-40.6139

■ 247.1340,
-30.1391, 6.8985

■ 42.8510, -21.1255,
-37.5803

■ 250.4400,
-17.4719, 3.9991

■ 29.3500, -14.4695,
-25.7399

■ 253.7460, -4.8048,

■ 15.8490, -7.8136,

1.0998

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 165.9830,
-61.6166, -23.6641

■ 165.9830,
-61.6166, -23.6641

■ 161.3110,
-69.1733, -26.5827

■ 170.6550,
-54.0599, -20.7454

■ 156.5250,
-77.1668, -29.4014

■ 175.4410,
-46.0664, -17.9268

■ 180.1130,
-38.5097, -15.0081

■ 185.1980,
-30.6636, -11.5746

■ 189.8700,
-23.1069, -8.6560

■ 194.5420,
-15.5502, -5.7373

■ 199.3280, -7.5567,
-2.9187

■ 204.0000, 0.0000,
0.0000

■ 208.7860, 7.9935,
2.8187

Harmonies

Analogous

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



172.2930, -84.9404, 37.4540



165.9830, -61.6166, -23.6641



139.0870, -12.8609, -121.9793

Triad

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



165.9830, -61.6166, -23.6641



152.9270, 50.3220, -134.1170



160.3890, 10.6542, 82.9738

Complementary

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



165.9830, -61.6166, -23.6641



79.0170, 61.6166, 23.6641

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.



180.4510, 36.7527, 65.3795



165.9830, -61.6166, -23.6641



141.7740, 55.8204, -124.3358

Square

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



165.9830, -61.6166, -23.6641



157.6230, 48.0069, -138.2354



182.4580, 35.7632, 9.2453



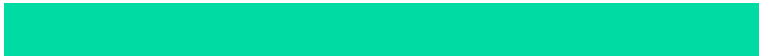
160.9860, -25.1361, 82.4503

Rectangle

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



165.9830, -61.6166, -23.6641



147.2490, 8.2582, -129.1374



182.4580, 35.7632, 9.2453



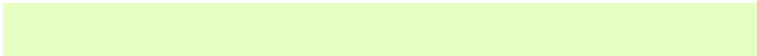
165.0000, 20.7060, 78.9300

Sweetspot

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



165.9830, -61.6166, -23.6641



240.8700, -23.1069, -8.6560



126.1310, -41.9696, 68.2911



119.2970, -13.9504, -5.5225



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.



165.9830, -61.6166, -23.6641



197.7680, -92.5696, -35.7535



142.3620, -49.9715, -72.2315



99.6640, -3.7784, -1.4593



127.3420, -62.7796, -23.9789



29.1830, -14.3872, -5.4225

Inverse Universe

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



79.0170, 61.6166, 23.6641



67.2320, 92.5696, 35.7535



102.6380, 49.9715, 72.2315



94.3360, 3.7784, 1.4593



38.6580, 62.7796, 23.9789



8.8170, 14.3872, 5.4225

Previews

White Background



This preview shows how the YUV color 165.9830, -61.6166, -23.6641 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 165.9830, -61.6166, -23.6641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

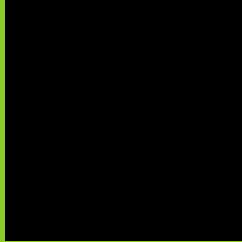
Any Text WCAG AA ✓ Pass

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 165.9830, -61.6166, -23.6641 Background



This preview shows how black text looks on a background with the YUV color 165.9830, -61.6166, -23.6641.



This preview shows how white text looks on a background with the YUV color 165.9830, -61.6166, -23.6641.

-23.6641.

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

165.9830, -61.6166, -23.6641

Protanopia

174.8910, -68.4733, 29.0366

Deuteranopia

178.3630, -60.8180, 47.0396



Tritanopia

182.4410, 11.1216, -20.5578

Trichromacy



Original Color

165.9830, -61.6166, -23.6641

Protanomaly

171.7530, -65.9402, 9.8636

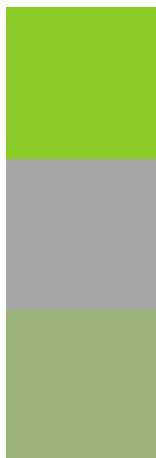
Deuteranomaly

174.0840, -61.1734, 20.9743

Tritanomaly

176.4430, -15.5014, -21.4365

Monochromacy



Original Color

165.9830, -61.6166, -23.6641

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0980, -22.2333, -8.8559

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9830, -61.6166, -23.6641 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(139, 204, 41)` looks like.

```
.text, #text, p{  
    color:rgb(139, 204, 41)  
}
```

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(139, 204, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 204, 41) }
```

Border

The CSS property to change the border of an element to YUV 165.9830, -61.6166, -23.6641 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(139, 204, 41) }
```


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

```
.border{ border-color:rgb(139, 204, 41) }
```

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

Here you see how a box with a 4 pixel rgb(139, 204, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 204, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 204, 41);  
box-shadow:4px 4px 4px 4px rgb(139, 204,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 165.9830, -61.6166, -23.6641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 204, 41) }
```

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

```
.background{ background-color: rgb(139,  
204, 41) }
```

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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