

Converting Colors

YUV(165.2720, -63.2381,
-16.9015)

Have a look what the booklet for
YUV(165.2720, -63.2381, -16.9015)
contains.

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Color

**YUV(165.2720, -63.2381,
-16.9015)**

Conversions

Conversions Part 1

Format	Color
Hex	92C825
RGB	146, 200, 37
RGB Percent	57%, 78%, 15%
CMY	0.4275, 0.2157, 0.8549
CMYK	0.27, 0.00, 0.81, 0.22
HSL	80°, 69%, 46%
HSV	80°, 82%, 78%
XYZ	32.8423, 47.5531, 9.1980
YIQ	165.2720, 20.1390, -62.1410

Conversions

Conversions Part 2

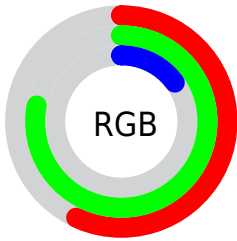
Format	Color
RYB	37, 200, 91
Decimal	9619493
CIELab	74.54, -39.41, 68.35
CIELCh	75, 78.898, 119.965
Yxy	47.5531, 0.3666, 0.5308
Android (android.graphics.Color)	4287809573 (0xFF92C825)
YUV	165.2720, -63.2381, -16.9015
Hunter-Lab	68.9588, -35.6655, 40.3628

Details

The YUV color **165.2720, -63.2381, -16.9015** 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 **71.7280, 63.2381, 16.9015**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8530, -61.0595, -15.6571**, and **112.3130, -55.3703, -20.4455** is the 20% darker color. If you saturate the color by 10%, you get **160.8990, -70.9422, -19.2054**, and if you desaturate by 10%, it is **169.6450, -55.5340, -14.5977**.

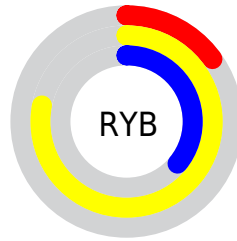
Distribution



Red (57%)

Green (78%)

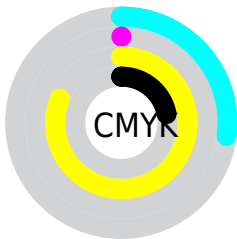
Blue (15%)



Red (15%)

Yellow (78%)

Blue (36%)

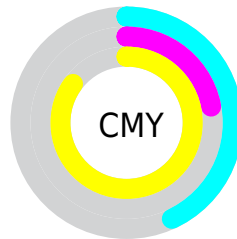


Cyan (27%)

Magenta (0%)

Yellow (81%)

Black (22%)



Cyan (43%)

Magenta (22%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.2720, -63.2381, -16.9015 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 165.2720, -63.2381, -16.9015 by changing the saturation by 10% instead.

■ 165.2720,
-63.2381, -16.9015

■ 165.2720,
-63.2381, -16.9015

255.0000, 0.0000,
0.0000

■ 136.2460,
-67.1693, -16.0017

■ 221.8530,
-61.0595, -15.6571

■ 112.3130,
-55.3703, -20.4455

■ 234.0150,
-53.2514, -0.0132

■ 88.6790, -43.7187,
-24.2745

■ 243.4860,
-44.1166, 10.0978

■ 64.7350, -31.9144,
-30.4626

■ 246.7920,
-31.4495, 7.1984

■ 41.0900, -20.2574,
-36.0359

■ 250.0980,
-18.7823, 4.2991

■ 27.5890, -13.6014,
-24.1956

■ 253.4040, -6.1152,

■ 14.6750, -7.2348,

1.3997

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 165.2720,
-63.2381, -16.9015

■ 165.2720,
-63.2381, -16.9015

■ 160.8990,
-70.9422, -19.2054

■ 169.6450,
-55.5340, -14.5977

■ 157.4660,
-77.6307, -20.5797

■ 173.7190,
-47.6825, -12.9086

■ 178.0920,
-39.9784, -10.6047

■ 182.4650,
-32.2742, -8.3008

■ 186.5390,
-24.4227, -6.6117

■ 190.9120,
-16.7186, -4.3078

■ 194.9860, -8.8671,
-2.6187

■ 199.3590, -1.1630,
-0.3148

■ 203.7320, 6.5411,
1.9890

Harmonies

Analogous

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



170.8420, -84.2251, 41.3576



165.2720, -63.2381, -16.9015



136.5280, -15.0503, -119.7351

Triad

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



165.2720, -63.2381, -16.9015



151.7530, 50.9008, -133.0874



161.5460, 12.5488, 81.9592

Complementary

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



165.2720, -63.2381, -16.9015



71.7280, 63.2381, 16.9015

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.



181.6250, 36.1739, 64.3499



165.2720, -63.2381, -16.9015



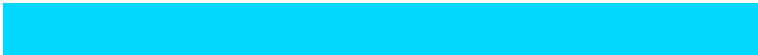
141.7740, 55.8204, -124.3358

Square

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



165.2720, -63.2381, -16.9015



155.7480, 48.4382, -136.5910



179.1580, 37.3901, 0.7384



160.3820, -22.3733, 82.9800

Rectangle

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



165.2720, -63.2381, -16.9015



144.5760, 5.6320, -126.7932



179.1580, 37.3901, 0.7384



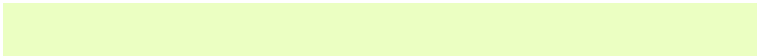
166.6300, 21.8744, 77.5005

Sweetspot

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



165.2720, -63.2381, -16.9015



242.0660, -23.6965, -6.1969



116.2610, -39.0757, 73.4391



119.8950, -14.2452, -4.2929



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.



165.2720, -63.2381, -16.9015



201.6830, -96.9647, -26.0320



141.6510, -51.5929, -65.4689



97.0770, -3.4890, -0.9445



128.2720, -63.2381, -16.9015



28.3080, -13.9558, -3.7781

Inverse Universe

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



71.7280, 63.2381, 16.9015



58.3170, 96.9647, 26.0320



95.3490, 51.5929, 65.4689



91.9230, 3.4890, 0.9445



34.7280, 63.2381, 16.9015



7.6920, 13.9558, 3.7781

Previews

White Background



This preview shows how the YUV color 165.2720, -63.2381, -16.9015 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 165.2720, -63.2381, -16.9015 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 165.2720, -63.2381, -16.9015 Background



This preview shows how black text looks on a background with the YUV color 165.2720, -63.2381, -16.9015.



This preview shows how white text looks on a background with the YUV color 165.2720, -63.2381, -16.9015.

-16.9015.

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

165.2720, -63.2381, -16.9015

Protanopia

172.6630, -69.3469, 29.2365

Deuteranopia

175.8360, -61.5441, 46.6248



Tritanopia

181.1320, 9.7949, -15.0248

Trichromacy



Original Color

165.2720, -63.2381, -16.9015

Protanomaly

169.8350, -66.9667, 12.4227

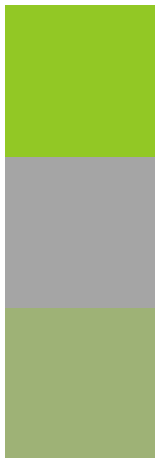
Deuteranomaly

172.1660, -62.1998, 23.5334

Tritanomaly

175.1340, -16.8281, -15.9035

Monochromacy



Original Color

165.2720, -63.2381, -16.9015

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1800, -23.2597, -6.2969

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2720, -63.2381, -16.9015 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(146, 200, 37)` looks like.

```
.text, #text, p{  
    color:rgb(146, 200, 37)  
}
```

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(146, 200, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 200, 37) }
```

Border

The CSS property to change the border of an element to YUV 165.2720, -63.2381, -16.9015 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(146, 200, 37) }
```


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

```
.border{ border-color:rgb(146, 200, 37) }
```

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

Here you see how a box with a 4 pixel rgb(146, 200, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 200, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 200, 37);  
box-shadow:4px 4px 4px 4px rgb(146, 200,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 165.2720, -63.2381, -16.9015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 200, 37) }
```

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

```
.background{ background-color: rgb(146,  
200, 37) }
```

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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