

Converting Colors

YUV(162.0380, -65.0947,
-28.0973)

Have a look what the booklet for
YUV(162.0380, -65.0947, -28.0973)
contains.

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Color

**YUV(162.0380, -65.0947,
-28.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	82CC1E
RGB	130, 204, 30
RGB Percent	51%, 80%, 12%
CMY	0.4902, 0.2000, 0.8824
CMYK	0.36, 0.00, 0.85, 0.20
HSL	86°, 74%, 46%
HSV	86°, 85%, 80%
XYZ	31.0331, 48.0253, 8.8625
YIQ	162.0380, 11.7500, -69.8020

Conversions

Conversions Part 2

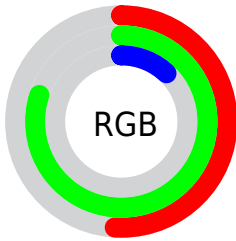
Format	Color
RYB	30, 204, 104
Decimal	8571934
CIELab	74.84, -47.26, 69.95
CIELCh	75, 84.416, 124.045
Yxy	48.0253, 0.3530, 0.5462
Android (android.graphics.Color)	4286762014 (0xFF82CC1E)
YUV	162.0380, -65.0947, -28.0973
Hunter-Lab	69.3003, -41.3420, 40.9279

Details

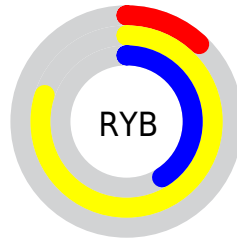
The YUV color **162.0380, -65.0947, -28.0973** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **71.9620, 65.0947, 28.0973**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.6130, -60.4482, -25.0936**, and **108.6920, -53.5852, -33.0559** is the 20% darker color. If you saturate the color by 10%, you get **157.0670, -72.5040, -31.6308**, and if you desaturate by 10%, it is **167.0090, -57.6854, -24.5639**.

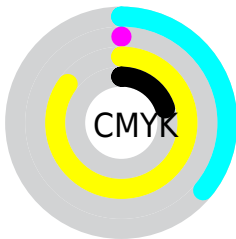
Distribution



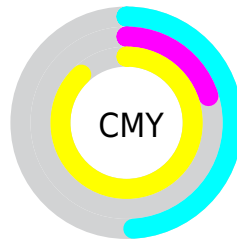
- Red (51%)
- Green (80%)
- Blue (12%)



- Red (12%)
- Yellow (80%)
- Blue (41%)



- Cyan (36%)
- Magenta (0%)
- Yellow (85%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.0380, -65.0947, -28.0973 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 162.0380, -65.0947, -28.0973 by changing the saturation by 10% instead.

■ 162.0380,
-65.0947, -28.0973

■ 162.0380,
-65.0947, -28.0973

■ 255.0000, 0.0000,
0.0000

■ 133.5110,
-65.8209, -28.5121

■ 216.6130,
-60.4482, -25.0936

■ 108.6920,
-53.5852, -33.0559

■ 228.7750,
-52.6401, -9.4497

■ 83.8620, -41.3440,
-39.3440

■ 241.0510,
-44.3951, 6.0943

■ 56.9390, -28.0709,
-49.9355

■ 246.3360,
-33.1966, 7.5983

■ 42.8510, -21.1255,
-37.5803

■ 249.6420,
-20.5295, 4.6990

■ 28.7630, -14.1802,
-25.2252

■ 253.0620, -7.4256,

■ 15.2620, -7.5242,

1.6996

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 162.0380,
-65.0947, -28.0973

■ 162.0380,
-65.0947, -28.0973

■ 157.0670,
-72.5040, -31.6308

■ 167.0090,
-57.6854, -24.5639

■ 154.7310,
-76.2824, -33.0901

■ 171.7950,
-49.6919, -21.7452

■ 176.7660,
-42.2826, -18.2118

■ 181.8510,
-34.4365, -14.7783

■ 186.5230,
-26.8798, -11.8597

■ 191.4940,
-19.4705, -8.3262

■ 196.5790,
-11.6244, -4.8928

■ 201.2510, -4.0677,
-1.9741

■ 206.3360, 3.7784,
1.4593

Harmonies

Analogous

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



171.0970, -84.3508, 34.9949



162.0380, -65.0947, -28.0973



138.9730, -13.2977, -121.8793

Triad

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



162.0380, -65.0947, -28.0973



152.3400, 50.6114, -133.6022



155.1230, 10.7854, 87.5921

Complementary

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



162.0380, -65.0947, -28.0973



71.9620, 65.0947, 28.0973

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.



175.6410, 38.6310, 69.5978



162.0380, -65.0947, -28.0973



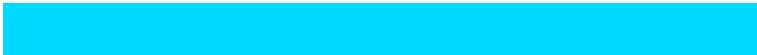
140.6000, 56.3992, -123.3062

Square

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



162.0380, -65.0947, -28.0973



157.0360, 48.2963, -137.7206



180.4200, 36.7679, 13.6637



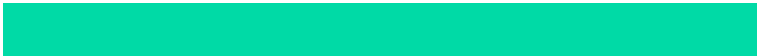
157.7260, -27.4729, 85.3093

Rectangle

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



162.0380, -65.0947, -28.0973



146.8900, 9.4212, -128.8225



180.4200, 36.7679, 13.6637



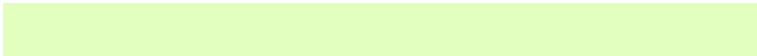
159.8480, 21.2739, 83.4483

Sweetspot

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



162.0380, -65.0947, -28.0973



239.1040, -24.7013, -10.6152



124.8770, -46.7744, 69.3909



118.3570, -14.9660, -6.4521



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.



162.0380, -65.0947, -28.0973



193.6380, -95.4635, -40.9015



136.6230, -52.5651, -80.3534



99.6640, -3.7784, -1.4593



125.8470, -62.0426, -27.0528



28.8840, -14.2398, -6.0373

Inverse Universe

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



71.9620, 65.0947, 28.0973



61.3620, 95.4635, 40.9015



97.3770, 52.5651, 80.3534



94.3360, 3.7784, 1.4593



39.8540, 62.1900, 26.4380



9.1160, 14.2398, 6.0373

Previews

White Background



This preview shows how the YUV color 162.0380, -65.0947, -28.0973 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 162.0380, -65.0947, -28.0973 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 162.0380, -65.0947, -28.0973 Background



This preview shows how black text looks on a background with the YUV color 162.0380, -65.0947, -28.0973.



This preview shows how white text looks on a background with the YUV color 162.0380, -65.0947, -28.0973.

-28.0973.

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

162.0380, -65.0947, -28.0973

Protanopia

172.6370, -73.2780, 30.1364

Deuteranopia

176.4940, -62.8545, 46.9248



Tritanopia

180.0490, 12.3008, -25.4760

Trichromacy



Original Color

162.0380, -65.0947, -28.0973

Protanomaly

168.6020, -70.3028, 9.1190

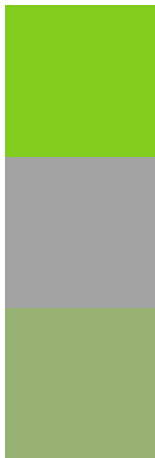
Deuteranomaly

171.3890, -63.7888, 19.8298

Tritanomaly

173.2960, -15.9219, -26.5696

Monochromacy



Original Color

162.0380, -65.0947, -28.0973

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.7450, -23.5383, -10.3004

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.0380, -65.0947, -28.0973 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(130, 204, 30)` looks like.

```
.text, #text, p{  
    color:rgb(130, 204, 30)  
}
```

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(130, 204, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 204, 30) }
```

Border

The CSS property to change the border of an element to YUV 162.0380, -65.0947, -28.0973 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(130, 204, 30) }
```


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

```
.border{ border-color:rgb(130, 204, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 204, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 204, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 204, 30);  
box-shadow:4px 4px 4px 4px rgb(130, 204,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 162.0380, -65.0947, -28.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 204, 30) }
```

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

```
.background{ background-color: rgb(130,  
204, 30) }
```

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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