

Converting Colors

YUV(170.9260, -65.0395,
0.9419)

Have a look what the booklet for
YUV(170.9260, -65.0395, 0.9419)
contains.

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Color

**YUV(170.9260, -65.0395,
0.9419)**

Conversions

Conversions Part 1

Format	Color
Hex	ACC427
RGB	172, 196, 39
RGB Percent	67%, 77%, 15%
CMY	0.3255, 0.2314, 0.8471
CMYK	0.12, 0.00, 0.80, 0.23
HSL	69°, 67%, 46%
HSV	69°, 80%, 77%
XYZ	37.1194, 48.3970, 9.3046
YIQ	170.9260, 36.0930, -53.9150

Conversions

Conversions Part 2

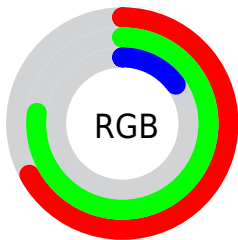
Format	Color
R_YB	39, 196, 63
Decimal	11322407
CIE Lab	75.07, -27.09, 68.93
CIE LCh	75, 74.063, 111.453
Yxy	48.3970, 0.3915, 0.5104
Android (android.graphics.Color)	4289512487 (0xFFACC427)
YUV	170.9260, -65.0395, 0.9419
Hunter-Lab	69.5679, -26.5016, 40.7676

Details

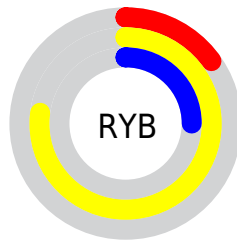
The YUV color **170.9260, -65.0395, 0.9419** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **64.0740, 65.0395, -0.9419**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.8660, -64.0239, 1.8715**, and **117.7390, -58.0453, -2.4021** is the 20% darker color. If you saturate the color by 10%, you get **167.7490, -73.3333, 1.0971**, and if you desaturate by 10%, it is **174.1030, -56.7458, 0.7867**.

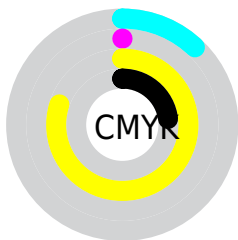
Distribution



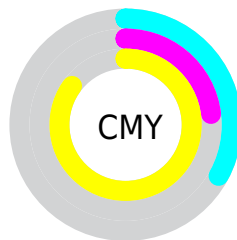
- Red (67%)
- Green (77%)
- Blue (15%)



- Red (15%)
- Yellow (77%)
- Blue (25%)



- Cyan (12%)
- Magenta (0%)
- Yellow (80%)
- Black (23%)



- Cyan (33%)
- Magenta (23%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.9260, -65.0395, 0.9419 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 170.9260, -65.0395, 0.9419 by changing the saturation by 10% instead.

■ 170.9260,
-65.0395, 0.9419

■ 170.9260,
-65.0395, 0.9419

■ 255.0000, 0.0000,
0.0000

■ 141.9600,
-69.9863, 0.9121

■ 228.8660,
-64.0239, 1.8715

■ 117.7390,
-58.0453, -2.4021

■ 240.4080,
-55.9101, 12.7972

■ 94.9910, -46.8306,
-6.1311

■ 243.6000,
-43.6798, 9.9978

■ 72.2430, -35.6158,
-9.8601

■ 246.9060,
-31.0127, 7.0984

■ 49.7830, -24.5430,
-14.7187

■ 250.2120,
-18.3455, 4.1991

■ 27.6000, -13.6068,
-22.4512

■ 253.5180, -5.6784,

■ 15.2620, -7.5242,

1.2997

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 170.9260,
-65.0395, 0.9419

■ 170.9260,
-65.0395, 0.9419

■ 167.7490,
-73.3333, 1.0971

■ 174.1030,
-56.7458, 0.7867

■ 164.6860,
-81.1902, 1.1524

■ 177.1660,
-48.8888, 0.7314

■ 180.3430,
-40.5951, 0.5762

■ 183.4060,
-32.7382, 0.5209

■ 186.5830,
-24.4444, 0.3657

■ 189.7600,
-16.1507, 0.2105

■ 192.8230, -8.2937,
0.1552

■ 196.0000, 0.0000,
0.0000

■ 199.0630, 7.8569,
-0.0553

Harmonies

Analogous

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



176.8230, -71.8907, 51.8982



170.9260, -65.0395, 0.9419



158.3300, -31.2217, -66.0644

Triad

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



170.9260, -65.0395, 0.9419



153.5140, 50.0326, -134.6318



170.8700, 17.8121, 73.7820

Complementary

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



170.9260, -65.0395, 0.9419



64.0740, 65.0395, -0.9419

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.



188.3370, 32.8649, 52.3245



170.9260, -65.0395, 0.9419



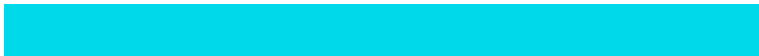
145.2960, 54.0841, -127.4246

Square

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



170.9260, -65.0395, 0.9419



153.9410, 38.9761, -135.0063



176.0470, 38.9238, -24.5972



163.7050, -12.1796, 80.0657

Rectangle

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



170.9260, -65.0395, 0.9419



141.4640, -1.2148, -124.0639



176.0470, 38.9238, -24.5972



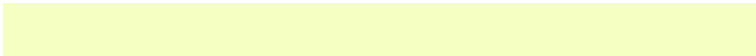
177.0140, 26.1221, 68.3937

Sweetspot

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



170.9260, -65.0395, 0.9419



245.3550, -25.3180, 0.5657



100.0310, -30.0883, 84.1648



121.9880, -15.2771, 0.0105



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.



170.9260, -65.0395, 0.9419



216.0070, -101.5615, 1.7479



147.6040, -53.5418, -47.0107



95.2620, -4.0732, -0.2298



135.1710, -66.6393, 0.7270



27.7430, -13.6773, 0.2254

Inverse Universe

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



64.0740, 65.0395, -0.9419



49.2920, 101.4140, -1.1331



87.3960, 53.5418, 47.0107



88.7380, 4.0732, 0.2298



25.8290, 66.6393, -0.7270



5.2570, 13.6773, -0.2254

Previews

White Background



This preview shows how the YUV color 170.9260, -65.0395, 0.9419 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 170.9260, -65.0395, 0.9419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

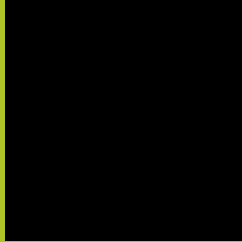
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.9260, -65.0395, 0.9419

Background



This preview shows how black text looks on a background with the YUV color 170.9260, -65.0395, 0.9419.



This preview shows how white text looks on a background with the YUV color 170.9260, -65.0395,

0.9419.

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

170.9260, -65.0395, 0.9419

Protanopia

174.8910, -68.4733, 29.0366

Deuteranopia

177.7930, -63.0019, 47.5395



Tritanopia

185.7920, 5.5255, 1.0594

Trichromacy



Original Color

170.9260, -65.0395, 0.9419

Protanomaly

173.4660, -67.2777, 18.8853

Deuteranomaly

175.4550, -63.8213, 30.2960

Tritanomaly

180.7340, -20.0819, 1.1103

Monochromacy



Original Color

170.9260, -65.0395, 0.9419

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8110, -23.5708, 0.1658

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9260, -65.0395, 0.9419 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(172, 196, 39)` looks like.

```
.text, #text, p{  
    color:rgb(172, 196, 39)  
}
```

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(172, 196, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 196, 39) }
```

Border

The CSS property to change the border of an element to YUV 170.9260, -65.0395, 0.9419 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(172, 196, 39) }
```


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

```
.border{ border-color:rgb(172, 196, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 196, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 196, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 196, 39);  
box-shadow:4px 4px 4px 4px rgb(172, 196,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 170.9260, -65.0395, 0.9419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 196, 39) }
```

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

```
.background{ background-color: rgb(172,  
196, 39) }
```

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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