

Converting Colors

YUV(172.1100, -64.1442,
-6.2355)

Have a look what the booklet for
YUV(172.1100, -64.1442, -6.2355)
contains.

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Color

**YUV(172.1100, -64.1442,
-6.2355)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C92A
RGB	165, 201, 42
RGB Percent	65%, 79%, 16%
CMY	0.3529, 0.2118, 0.8353
CMYK	0.18, 0.00, 0.79, 0.21
HSL	74°, 65%, 48%
HSV	74°, 79%, 79%
XYZ	36.8216, 49.9398, 9.8891
YIQ	172.1100, 29.5830, -57.0810

Conversions

Conversions Part 2

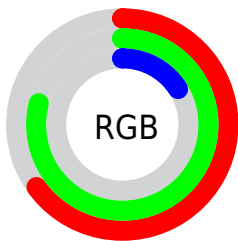
Format	Color
RYB	42, 201, 78
Decimal	10864938
CIELab	76.03, -32.20, 68.78
CIELCh	76, 75.939, 115.086
Yxy	49.9398, 0.3810, 0.5167
Android (android.graphics.Color)	4289055018 (0xFFA5C92A)
YUV	172.1100, -64.1442, -6.2355
Hunter-Lab	70.6681, -30.6617, 41.1708

Details

The YUV color **172.1100, -64.1442, -6.2355** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **70.8900, 64.1442, 6.2355**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9900, -62.1131, -4.3762**, and **118.5810, -58.4604, -9.2795** is the 20% darker color. If you saturate the color by 10%, you get **168.3350, -72.1432, -7.3098**, and if you desaturate by 10%, it is **175.8850, -56.1453, -5.1611**.

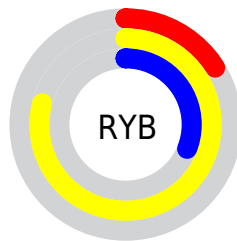
Distribution



Red (65%)

Green (79%)

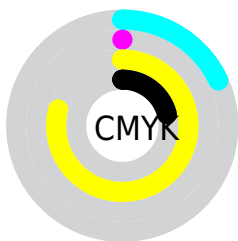
Blue (16%)



Red (16%)

Yellow (79%)

Blue (31%)

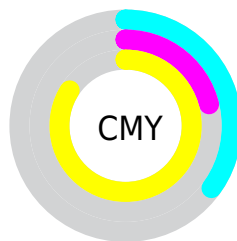


Cyan (18%)

Magenta (0%)

Yellow (79%)

Black (21%)



Cyan (35%)

Magenta (21%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1100, -64.1442, -6.2355 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 172.1100, -64.1442, -6.2355 by changing the saturation by 10% instead.

■ 172.1100,
-64.1442, -6.2355

■ 172.1100,
-64.1442, -6.2355

■ 255.0000, 0.0000,
0.0000

■ 143.1010,
-70.5488, -5.3506

■ 227.9900,
-62.1131, -4.3762

■ 118.5810,
-58.4604, -9.2795

■ 240.1520,
-54.3049, 11.2677

■ 95.2460, -46.9563,
-12.4937

■ 243.9420,
-42.3694, 9.6979

■ 72.1990, -35.5941,
-16.8375

■ 247.1340,
-30.1391, 6.8985

■ 49.1410, -24.2265,
-22.9257

■ 250.4400,
-17.4719, 3.9991

■ 28.7630, -14.1802,
-25.2252

■ 253.8600, -4.3680,

■ 17.0230, -8.3923,

0.9998

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 172.1100,
-64.1442, -6.2355

■ 172.1100,
-64.1442, -6.2355

■ 168.3350,
-72.1432, -7.3098

■ 175.8850,
-56.1453, -5.1611

■ 164.8590,
-80.2895, -7.7693

■ 179.3610,
-47.9990, -4.7016

■ 164.3320,
-81.0157, -8.1842

■ 183.1360,
-40.0000, -3.6273

■ 186.6120,
-31.8537, -3.1677

■ 190.5010,
-23.4180, -2.1934

■ 193.9770,
-15.2717, -1.7338

■ 197.7520, -7.2727,
-0.6595

■ 201.2280, 0.8736,
-0.2000

■ 205.0030, 8.8725,
0.8744

Harmonies

Analogous

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



177.5360, -76.6792, 47.7649



172.1100, -64.1442, -6.2355



156.0830, -26.6629, -81.6338

Triad

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



172.1100, -64.1442, -6.2355



154.6880, 49.4538, -135.6614



169.1260, 16.2069, 75.3115

Complementary

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



172.1100, -64.1442, -6.2355



70.8900, 64.1442, 6.2355

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.



188.6690, 32.7012, 58.1723



172.1100, -64.1442, -6.2355



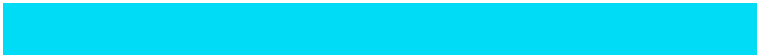
145.8830, 53.7947, -127.9394

Square

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



172.1100, -64.1442, -6.2355



157.0700, 43.3495, -137.7504



180.5430, 36.7073, -13.6312



164.6680, -16.1053, 79.2212

Rectangle

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



172.1100, -64.1442, -6.2355



144.9520, 1.9957, -127.1229



180.5430, 36.7073, -13.6312



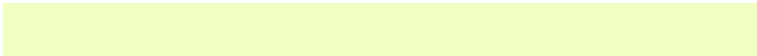
175.2700, 24.5169, 69.9232

Sweetspot

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



172.1100, -64.1442, -6.2355



243.8600, -24.5810, -2.5082



109.4990, -33.2770, 80.2464



121.0910, -14.8349, -1.8338



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.



172.1100, -64.1442, -6.2355



210.9670, -97.5977, -9.6181



148.7880, -52.6465, -54.1881



97.3760, -3.6364, -0.3298



133.3550, -65.7440, -6.4503



29.5040, -14.5455, -1.3190

Inverse Universe

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



70.8900, 64.1442, 6.2355



57.0330, 97.5977, 9.6181



94.2120, 52.6465, 54.1881



91.6240, 3.6364, 0.3298



29.6450, 65.7440, 6.4503



6.4960, 14.5455, 1.3190

Previews

White Background



This preview shows how the YUV color 172.1100, -64.1442, -6.2355 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 172.1100, -64.1442, -6.2355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

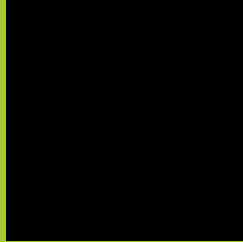
Any Text WCAG AA ✓ Pass

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 172.1100, -64.1442, -6.2355 Background



This preview shows how black text looks on a background with the YUV color 172.1100, -64.1442, -6.2355.



This preview shows how white text looks on a background with the YUV color 172.1100, -64.1442, -6.2355.

-6.2355.

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

172.1100, -64.1442, -6.2355

Protanopia

176.8910, -68.4733, 29.0366

Deuteranopia

180.3200, -62.2758, 47.9544



Tritanopia

186.9160, 7.4364, -5.1883

Trichromacy



Original Color

172.1100, -64.1442, -6.2355

Protanomaly

175.1560, -67.1249, 16.5262

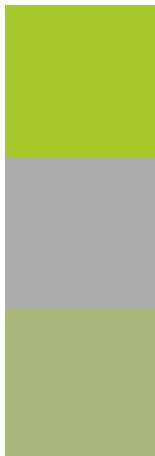
Deuteranomaly

177.6720, -62.9423, 28.3517

Tritanomaly

181.4450, -18.4604, -5.6523

Monochromacy



Original Color

172.1100, -64.1442, -6.2355

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2020, -23.2706, -2.8082

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1100, -64.1442, -6.2355 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(165, 201, 42)` looks like.

```
.text, #text, p{  
    color:rgb(165, 201, 42)  
}
```

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(165, 201, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 201, 42) }
```

Border

The CSS property to change the border of an element to YUV 172.1100, -64.1442, -6.2355 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(165, 201, 42) }
```


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

```
.border{ border-color:rgb(165, 201, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 201, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 201, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 201, 42);  
box-shadow:4px 4px 4px 4px rgb(165, 201,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 172.1100, -64.1442, -6.2355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 201, 42) }
```

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

```
.background{ background-color: rgb(165,  
201, 42) }
```

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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