

Converting Colors

YUV(171.2300, -29.2004,
-14.2337)

Have a look what the booklet for
YUV(171.2300, -29.2004, -14.2337)
contains.

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Color

**YUV(171.2300, -29.2004,
-14.2337)**

Conversions

Conversions Part 1

Format	Color
Hex	9BBF70
RGB	155, 191, 112
RGB Percent	61%, 75%, 44%
CMY	0.3922, 0.2510, 0.5608
CMYK	0.19, 0.00, 0.41, 0.25
HSL	87°, 38%, 59%
HSV	87°, 41%, 75%
XYZ	35.0730, 45.4000, 22.2438
YIQ	171.2300, 3.9030, -32.2010

Conversions

Conversions Part 2

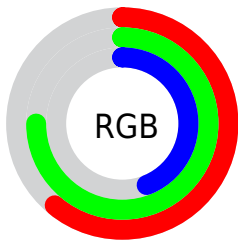
Format	Color
RYB	112, 191, 148
Decimal	10207088
CIELab	73.15, -25.66, 35.92
CIELCh	73, 44.144, 125.533
Yxy	45.4000, 0.3415, 0.4420
Android (android.graphics.Color)	4288397168 (0xFF9BBF70)
YUV	171.2300, -29.2004, -14.2337
Hunter-Lab	67.3795, -24.9998, 27.5925

Details

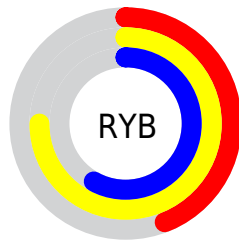
The YUV color **171.2300, -29.2004, -14.2337** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **131.7700, 29.2004, 14.2337**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8880, -30.5108, -13.9338**, and **117.9850, -27.6006, -14.0188** is the 20% darker color. If you saturate the color by 10%, you get **166.3730, -36.1729, -17.8671**, and if you desaturate by 10%, it is **176.0870, -22.2279, -10.6003**.

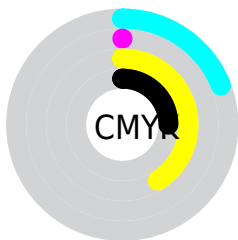
Distribution



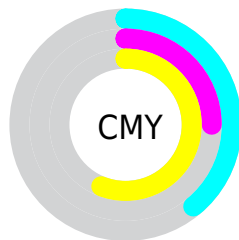
- Red (61%)
- Green (75%)
- Blue (44%)



- Red (44%)
- Yellow (75%)
- Blue (58%)



- Cyan (19%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)



- Cyan (39%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.2300, -29.2004, -14.2337 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 171.2300, -29.2004, -14.2337 by changing the saturation by 10% instead.

■ 171.2300,
-29.2004, -14.2337

■ 171.2300,
-29.2004, -14.2337

■ 255.0000, 0.0000,
0.0000

■ 144.4580,
-28.3268, -14.4337

■ 226.8880,
-30.5108, -13.9338

■ 117.9850,
-27.6006, -14.0188

■ 243.0340,
-25.1598, -3.5378

■ 93.0990, -27.1638,
-14.1188

■ 251.0100,
-15.2879, 3.4992

■ 68.0990, -27.1638,
-14.1188

■ 254.3160, -2.6208,
0.5999

■ 45.9400, -22.6484,
-15.7334

■ 24.3660, -12.0124,
-20.4920

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 171.2300,
-29.2004, -14.2337

■ 171.2300,
-29.2004, -14.2337

■ 166.3730,
-36.1729, -17.8671

■ 176.0870,
-22.2279, -10.6003

■ 161.8150,
-43.2928, -20.8858

■ 180.6450,
-15.1080, -7.5817

■ 156.9580,
-50.2653, -24.5192

■ 185.5020, -8.1355,
-3.9483

■ 152.1010,
-57.2378, -28.1526

■ 190.3590, -1.1630,
-0.3148

■ 147.1300,
-64.6471, -31.6860

■ 195.3300, 6.2463,
3.2186

■ 143.2130,
-70.6040, -34.3898

■ 199.8880, 13.3662,
6.2372

■ 204.7450, 20.3387,
9.8706

■ 208.4620, 22.9432,
14.5038

■ 210.8540, 21.7640,
19.4220

Harmonies

Analogous

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



176.0340, -38.4708, 19.2642



171.2300, -29.2004, -14.2337



163.8520, -9.2940, -52.4902

Triad

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



171.2300, -29.2004, -14.2337



151.8860, 49.3562, -104.2630



182.3700, -4.1264, 63.6965

Complementary

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



171.2300, -29.2004, -14.2337



131.7700, 29.2004, 14.2337

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.



184.7710, 14.4099, 44.9278



171.2300, -29.2004, -14.2337



174.1870, 39.8408, -38.7520

Square

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



171.2300, -29.2004, -14.2337



142.4630, 40.6907, -124.9401



183.4920, 30.8164, 9.2155



181.1470, -22.7505, 63.8921

Rectangle

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



171.2300, -29.2004, -14.2337



154.3500, 8.7015, -84.4989



183.4920, 30.8164, 9.2155



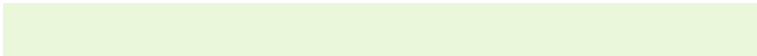
183.5420, 1.7048, 60.0377

Sweetspot

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



171.2300, -29.2004, -14.2337



239.8070, -10.7509, -5.0927



156.7530, -22.0632, 30.0346



120.5560, -6.6831, -3.1186



252.0000, 0.0000, 0.0000



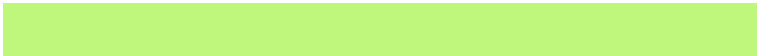
125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



171.2300, -29.2004, -14.2337



216.2340, -45.4714, -22.1302



159.5690, -23.4515, -38.2100



91.7780, -3.3416, -1.5593



118.4600, -58.4008, -28.4674



23.2800, -11.4770, -5.5076

Inverse Universe

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



131.7700, 29.2004, 14.2337



154.7660, 45.4714, 22.1302



143.4310, 23.4515, 38.2100



87.2220, 3.3416, 1.5593



39.5400, 58.4008, 28.4674



7.7200, 11.4770, 5.5076

Previews

White Background



This preview shows how the YUV color 171.2300, -29.2004, -14.2337 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 171.2300, -29.2004, -14.2337 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 171.2300, -29.2004, -14.2337 Background



This preview shows how black text looks on a background with the YUV color 171.2300, -29.2004, -14.2337.



This preview shows how white text looks on a background with the YUV color 171.2300, -29.2004, -14.2337.

-14.2337.

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

171.2300, -29.2004, -14.2337

Protanopia

175.9890, -33.5186, 17.5496

Deuteranopia

178.0000, -30.0730, 32.4490



Tritanopia

178.5240, 8.6157, -10.1065

Trichromacy



Original Color

171.2300, -29.2004, -14.2337

Protanomaly

173.9660, -32.0282, 6.1688

Deuteranomaly

175.3030, -29.7294, 15.5203

Tritanomaly

176.1420, -5.4930, -11.5255

Monochromacy



Original Color

171.2300, -29.2004, -14.2337

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.9210, -10.3141, -5.1927

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2300, -29.2004, -14.2337 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(155, 191, 112)` looks like.

```
.text, #text, p{  
    color:rgb(155, 191, 112)  
}
```

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(155, 191, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 191, 112) }
```

Border

The CSS property to change the border of an element to YUV 171.2300, -29.2004, -14.2337 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(155, 191, 112) }
```


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

```
.border{ border-color:rgb(155, 191, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 191, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 191, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 191, 112);  
box-shadow:4px 4px 4px 4px rgb(155, 191,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 171.2300, -29.2004, -14.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 191, 112) }
```

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

```
.background{ background-color: rgb(155,  
191, 112) }
```

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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