

Converting Colors

YUV(171.6090, -84.6032,
-24.2131)

Have a look what the booklet for
YUV(171.6090, -84.6032, -24.2131)
contains.

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Color

**YUV(171.6090, -84.6032,
-24.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	90DB00
RGB	144, 219, 0
RGB Percent	56%, 86%, 0%
CMY	0.4353, 0.1412, 1.0000
CMYK	0.34, 0.00, 1.00, 0.14
HSL	81°, 100%, 43%
HSV	81°, 100%, 86%
XYZ	36.8331, 56.5923, 8.9821
YIQ	171.6090, 25.5990, -84.0090

Conversions

Conversions Part 2

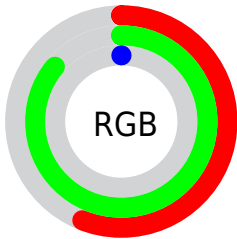
Format	Color
RYB	0, 219, 75
Decimal	9493248
CIELab	79.95, -49.04, 78.37
CIELCh	80, 92.448, 122.039
Yxy	56.5923, 0.3597, 0.5526
Android (android.graphics.Color)	4287683328 (0xFF90DB00)
YUV	171.6090, -84.6032, -24.2131
Hunter-Lab	75.2279, -44.2515, 45.5804

Details

The YUV color **171.6090, -84.6032, -24.2131** 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 **47.3910, 84.6032, 24.2131**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1860, -66.1537, -15.0721**, and **121.0960, -59.7003, -31.6562** is the 20% darker color. If you saturate the color by 10%, you get **171.6090, -84.6032, -24.2131**, and if you desaturate by 10%, it is **176.2100, -76.0255, -22.1092**.

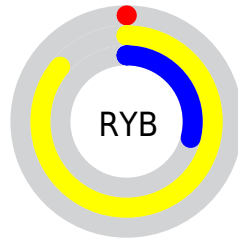
Distribution



Red (56%)

Green (86%)

Blue (0%)



Red (0%)

Yellow (86%)

Blue (29%)

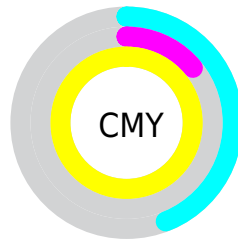


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (44%)

Magenta (14%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6090, -84.6032, -24.2131 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 171.6090, -84.6032, -24.2131 by changing the saturation by 10% instead.

■ 171.6090,
-84.6032, -24.2131

■ 171.6090,
-84.6032, -24.2131

255.0000, 0.0000,
0.0000

■ 146.5020,
-72.2255, -27.6273

■ 220.1860,
-66.1537, -15.0721

■ 121.0960,
-59.7003, -31.6562

■ 232.5760,
-57.4720, 0.3718

■ 96.2660, -47.4591,
-37.9443

■ 242.4600,
-48.0478, 10.9976

■ 67.2500, -33.1542,
-52.8392

■ 245.7660,
-35.3806, 8.0982

■ 50.4820, -24.8876,
-44.2727

■ 249.1860,
-22.2767, 5.0989

■ 35.8070, -17.6529,
-31.4027

■ 252.4920, -9.6096,

■ 23.4800, -11.5756,

2.1995

-20.5920

■ 0.0000, 0.0000,
0.0000

■ 171.6090,
-84.6032, -24.2131

■ 176.2100,
-76.0255, -22.1092

■ 181.1100,
-67.5952, -19.3905

■ 185.7110,
-59.0175, -17.2865

■ 190.6110,
-50.5872, -14.5678

■ 195.2120,
-42.0095, -12.4639

■ 199.9980,
-34.0160, -9.6452

■ 204.5990,
-25.4383, -7.5413

■ 209.4990,
-17.0080, -4.8226

■ 214.1000, -8.4303,
-2.7187

Harmonies

Analogous

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



184.4200, -90.9191, 41.7277



171.6090, -84.6032, -24.2131



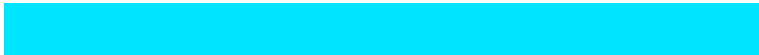
148.3650, -17.9279, -130.1161

Triad

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



171.6090, -84.6032, -24.2131



162.9060, 45.4023, -142.8686



157.8760, 18.7951, 85.1777

Complementary

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



171.6090, -84.6032, -24.2131



47.3910, 84.6032, 24.2131

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.



181.0380, 36.4633, 64.8647



171.6090, -84.6032, -24.2131



150.5790, 51.4796, -132.0578

Square

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



171.6090, -84.6032, -24.2131



167.6020, 43.0872, -146.9870



190.1330, 31.9794, 9.5304



160.6270, -23.9731, 82.7651

Rectangle

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



171.6090, -84.6032, -24.2131



158.1400, 6.8330, -138.6888



190.1330, 31.9794, 9.5304



164.1170, 30.0153, 79.7044

Sweetspot

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



171.6090, -84.6032, -24.2131



238.5620, -29.3641, -8.3859



108.3320, -53.4077, 97.0558



117.9720, -17.7342, -5.2374



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.



171.6090, -84.6032, -24.2131



199.9170, -98.5591, -27.9912



139.3170, -68.6833, -90.6090



107.5500, -4.2151, -1.3593



135.6370, -66.8690, -18.9756



35.9720, -17.7342, -5.2374

Inverse Universe

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



47.3910, 84.6032, 24.2131



55.0830, 98.5591, 27.9912



79.6830, 68.6833, 90.6090



101.1510, 4.3626, 0.7446



37.3630, 66.8690, 18.9756



10.0280, 17.7342, 5.2374

Previews

White Background



This preview shows how the YUV color 171.6090, -84.6032, -24.2131 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 171.6090, -84.6032, -24.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

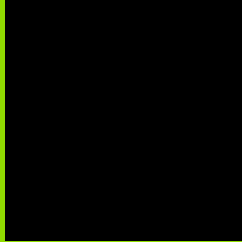
Any Text WCAG AA ✓ Pass

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 171.6090, -84.6032, -24.2131 Background



This preview shows how black text looks on a background with the YUV color 171.6090, -84.6032, -24.2131.



This preview shows how white text looks on a background with the YUV color 171.6090, -84.6032, -24.2131.

-24.2131.

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

171.6090, -84.6032, -24.2131

Protanopia

182.9030, -90.1712, 35.1651

Deuteranopia

188.7090, -72.3275, 51.9982



Tritanopia

194.4620, 12.5902, -24.9612

Trichromacy



Original Color

171.6090, -84.6032, -24.2131

Protanomaly

178.9280, -88.2115, 13.2181

Deuteranomaly

182.6810, -76.7507, 23.9588

Tritanomaly

185.8850, -22.6213, -24.4551

Monochromacy



Original Color

171.6090, -84.6032, -24.2131

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8070, -30.9639, -8.6007

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6090, -84.6032, -24.2131 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(144, 219, 0)` looks like.

```
.text, #text, p{  
    color:rgb(144, 219, 0)  
}
```

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(144, 219, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 219, 0) }
```

Border

The CSS property to change the border of an element to YUV 171.6090, -84.6032, -24.2131 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(144, 219, 0) }
```


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

```
.border{ border-color:rgb(144, 219, 0) }
```

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

Here you see how a box with a 4 pixel rgb(144, 219, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 219, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 219, 0);  
box-shadow:4px 4px 4px 4px rgb(144, 219,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 171.6090, -84.6032, -24.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 219, 0) }
```

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

```
.background{ background-color: rgb(144,  
219, 0) }
```

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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