

Converting Colors

YUV(169.2800, 4.7920,
-90.5766)

Have a look what the booklet for
YUV(169.2800, 4.7920, -90.5766)
contains.

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Color

**YUV(169.2800, 4.7920,
-90.5766)**

Conversions

Conversions Part 1

Format	Color
Hex	42DCB3
RGB	66, 220, 179
RGB Percent	26%, 86%, 70%
CMY	0.7412, 0.1373, 0.2980
CMYK	0.70, 0.00, 0.19, 0.14
HSL	164°, 69%, 56%
HSV	164°, 70%, 86%
XYZ	35.9766, 55.5993, 51.4834
YIQ	169.2800, -78.6230, -45.3990

Conversions

Conversions Part 2

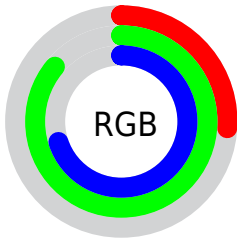
Format	Color
RYB	66, 155, 220
Decimal	4381875
CIELab	79.39, -49.46, 8.65
CIELCh	79, 50.208, 170.084
Yxy	55.5993, 0.2515, 0.3886
Android (android.graphics.Color)	4282571955 (0xFF42DCB3)
YUV	169.2800, 4.7920, -90.5766
Hunter-Lab	74.5650, -44.3647, 11.2587

Details

The YUV color **169.2800, 4.7920, -90.5766** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **116.7200, -4.7920, 90.5766**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2420, 9.2477, -73.0032**, and **110.6320, 7.5764, -97.0243** is the 20% darker color. If you saturate the color by 10%, you get **162.0180, 5.4141, -103.5018**, and if you desaturate by 10%, it is **176.5420, 4.1698, -77.6513**.

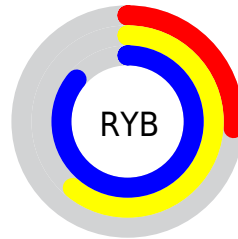
Distribution



Red (26%)

Green (86%)

Blue (70%)



Red (26%)

Yellow (61%)

Blue (86%)

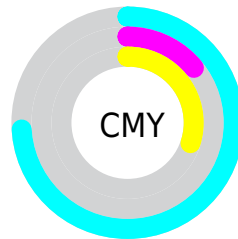


Cyan (70%)

Magenta (0%)

Yellow (19%)

Black (14%)



Cyan (74%)

Magenta (14%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.2800, 4.7920, -90.5766 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 169.2800, 4.7920, -90.5766 by changing the saturation by 10% instead.

169.2800, 4.7920,
-90.5766

169.2800, 4.7920,
-90.5766

255.0000, 0.0000,
0.0000

133.0220, 9.3562,
-107.8903

216.2420, 9.2477,
-73.0032

110.6320, 7.5764,
-97.0243

227.7910, 13.4140,
-55.9447

91.9330, 4.4700,
-80.6252

236.7610, 8.9918,
-37.5014

73.9350, 1.5110,
-64.8410

246.0300, 4.4222,
-18.4433

56.1650, -0.5743,
-49.2567

39.5690, -3.2385,
-34.7020

24.1470, -6.4815,

-21.1769

■ 0.0000, 0.0000,
0.0000

■ 169.2800, 4.7920,
-90.5766

■ 169.2800, 4.7920,
-90.5766

■ 162.0180, 5.4141,
-103.5018

■ 176.5420, 4.1698,
-77.6513

■ 154.7560, 6.0363,
-116.4270

■ 183.8040, 3.5476,
-64.7261

■ 147.4940, 6.6585,
-129.3522

■ 191.0660, 2.9255,
-51.8009

■ 198.2140, 1.8665,
-38.7757

■ 205.4760, 1.2443,
-25.8505

■ 212.7380, 0.6222,
-12.9252

■ 220.0000, 0.0000,
0.0000

■ 227.2620, -0.6222,
12.9252

■ 231.8330, 0.0823,
20.3175

Harmonies

Analogous

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



182.8680, -23.5989, -37.5952



169.2800, 4.7920, -90.5766



155.6050, 35.1977, -136.4656

Triad

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



169.2800, 4.7920, -90.5766



193.5230, 30.3082, -14.4907



191.6870, -31.8907, 55.5255

Complementary

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



169.2800, 4.7920, -90.5766



116.7200, -4.7920, 90.5766

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.



189.2030, -10.9461, 57.7040



169.2800, 4.7920, -90.5766



202.3810, 25.9412, 32.9919

Square

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



169.2800, 4.7920, -90.5766



175.1080, 39.3868, -79.9017



194.5610, 9.5834, 53.0050



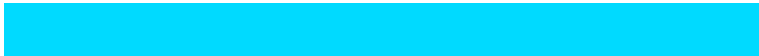
194.1460, -44.9350, 39.3370

Rectangle

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



169.2800, 4.7920, -90.5766



157.0360, 48.2963, -137.7206



194.5610, 9.5834, 53.0050



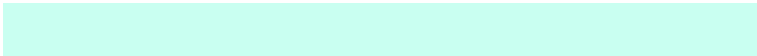
190.1200, -25.2022, 56.8998

Sweetspot

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



169.2800, 4.7920, -90.5766



237.2580, 1.8448, -31.7983



168.6570, -50.6099, -54.0732



117.4060, 0.7858, -18.7731



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.



169.2800, 4.7920, -90.5766



184.5160, 6.6476, -125.8635



152.8220, 33.1188, -76.1429



106.3690, 0.3111, -6.4626



116.0290, 5.4087, -101.7574



30.8780, 1.5391, -27.0800

Inverse Universe

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



116.7200, -4.7920, 90.5766



111.4840, -6.6476, 125.8635



133.1780, -33.1188, 76.1429



102.6310, -0.3111, 6.4626



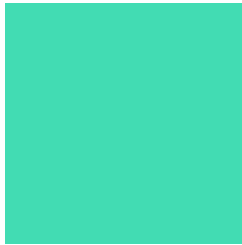
56.9710, -5.4087, 101.7574



15.1220, -1.5391, 27.0800

Previews

White Background



This preview shows how the YUV color 169.2800, 4.7920, -90.5766 looks on a white background.

Color Contrast Check

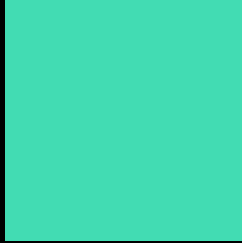
Large Text (above 18pt) WCAG AA × Fail

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 169.2800, 4.7920, -90.5766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

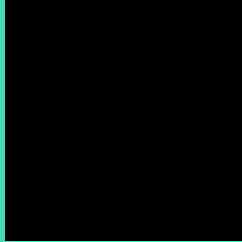
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

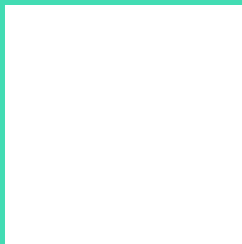
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.2800, 4.7920, -90.5766

Background



This preview shows how black text looks on a background with the YUV color 169.2800, 4.7920, -90.5766.



This preview shows how white text looks on a background with the YUV color 169.2800, 4.7920,

-90.5766.

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

169.2800, 4.7920, -90.5766

Protanopia

194.6840, -14.1412, 9.0471

Deuteranopia

196.4430, -5.1484, 18.0285



Tritanopia

178.1610, 25.5566, -77.3172

Trichromacy



Original Color

169.2800, 4.7920, -90.5766



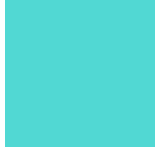
Protanomaly

185.2880, -7.0440, -27.4396



Deuteranomaly

186.7000, -1.8241, -21.6619



Tritanomaly

175.0650, 17.7160, -82.4950

Monochromacy



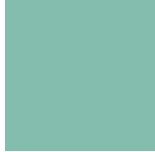
Original Color

169.2800, 4.7920, -90.5766



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.5460, 1.7028, -32.9278

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.2800, 4.7920, -90.5766 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(66, 220, 179)` looks like.

```
.text, #text, p{  
    color:rgb(66, 220, 179)  
}
```

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(66, 220, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 220, 179) }
```

Border

The CSS property to change the border of an element to YUV 169.2800, 4.7920, -90.5766 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(66, 220, 179) }
```


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

```
.border{ border-color:rgb(66, 220, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 220, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 220, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 220, 179);  
box-shadow:4px 4px 4px 4px rgb(66, 220,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 169.2800, 4.7920, -90.5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 220, 179) }
```

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

```
.background{ background-color: rgb(66, 220,  
179) }
```

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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