

Converting Colors

YUV(177.5570, 24.8684,
-89.9425)

Have a look what the booklet for
YUV(177.5570, 24.8684, -89.9425)
contains.

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Color

**YUV(177.5570, 24.8684,
-89.9425)**

Conversions

Conversions Part 1

Format	Color
Hex	4BDCE4
RGB	75, 220, 228
RGB Percent	29%, 86%, 89%
CMY	0.7059, 0.1373, 0.1059
CMYK	0.67, 0.04, 0.00, 0.11
HSL	183°, 74%, 59%
HSV	183°, 67%, 89%
XYZ	42.4984, 58.2837, 82.4088
YIQ	177.5570, -88.9880, -28.2520

Conversions

Conversions Part 2

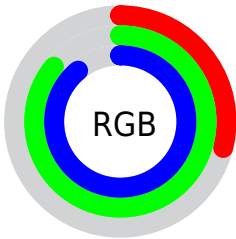
Format	Color
RYB	75, 149, 228
Decimal	4971748
CIELab	80.90, -35.32, -15.20
CIELCh	81, 38.450, 203.288
Yxy	58.2837, 0.2320, 0.3182
Android (android.graphics.Color)	4283161828 (0xFF4BDCE4)
YUV	177.5570, 24.8684, -89.9425
Hunter-Lab	76.3438, -34.2356, -10.5596

Details

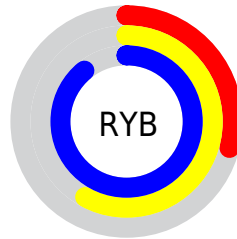
The YUV color **177.5570, 24.8684, -89.9425** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **125.4430, -24.8684, 89.9425**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2130, 16.6570, -69.4698**, and **115.9900, 28.1059, -101.7232** is the 20% darker color. If you saturate the color by 10%, you get **170.0930, 28.5482, -103.5676**, and if you desaturate by 10%, it is **185.0210, 21.1886, -76.3174**.

Distribution



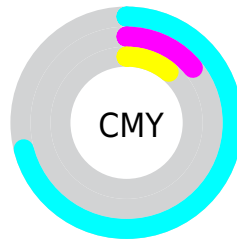
- Red (29%)
- Green (86%)
- Blue (89%)



- Red (29%)
- Yellow (58%)
- Blue (89%)



- Cyan (67%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (71%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.5570, 24.8684, -89.9425 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 177.5570, 24.8684, -89.9425 by changing the saturation by 10% instead.

177.5570, 24.8684,
-89.9425

177.5570, 24.8684,
-89.9425

255.0000, 0.0000,
0.0000

143.5770, 27.8165,
-102.2380

221.2130, 16.6570,
-69.4698

115.9900, 28.1059,
-101.7232

230.4820, 12.0874,
-50.4117

97.6500, 23.8365,
-85.6391

239.7510, 7.5178,
-31.3536

79.4240, 20.0040,
-69.6548

249.0200, 2.9481,
-12.2955

62.0130, 16.7556,
-54.3854

45.1890, 13.2178,
-39.6308

29.6530, 9.5381,

-26.0057

■ 8.0020, 10.3520,
-7.0178

■ 0.0000, 0.0000,
0.0000

■ 177.5570, 24.8684,
-89.9425

■ 177.5570, 24.8684,
-89.9425

■ 170.0930, 28.5482,
-103.5676

■ 185.0210, 21.1886,
-76.3174

■ 162.6290, 32.2279,
-117.1926

■ 192.4850, 17.5089,
-62.6923

■ 154.8770, 36.0496,
-129.6881

■ 200.2370, 13.6872,
-50.1968

■ 152.7840, 37.0815,
-133.9916

■ 207.7010, 10.0074,
-36.5718

■ 215.1650, 6.3277,
-22.9467

■ 222.6290, 2.6479,
-9.3216

■ 230.0930, -1.0318,
4.3034

■ 237.2470, -4.5588,
15.5694

■ 237.8340, -4.8482,
15.0546

Harmonies

Analogous

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



184.1030, 3.4002, -64.1113



177.5570, 24.8684, -89.9425



181.5760, 36.1980, -83.8202

Triad

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



177.5570, 24.8684, -89.9425



206.1110, 18.6793, 28.8437



199.4250, -34.7195, 29.4453

Complementary

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



177.5570, 24.8684, -89.9425



125.4430, -24.8684, 89.9425

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.



200.7830, -27.5010, 47.5483



177.5570, 24.8684, -89.9425



202.3230, 3.7848, 46.1977

Square

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



177.5570, 24.8684, -89.9425



201.5410, 26.3553, -6.6135



198.8060, -12.2294, 49.2821



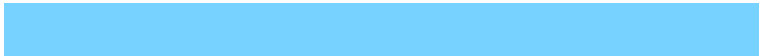
195.3890, -30.2648, 0.5358

Rectangle

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



177.5570, 24.8684, -89.9425



187.9210, 33.0699, -60.4437



198.8060, -12.2294, 49.2821



200.4090, -33.7256, 37.3523

Sweetspot

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



177.5570, 24.8684, -89.9425



237.9900, 8.3859, -29.8092



165.7230, -40.7824, -79.5641



117.5570, 5.1484, -18.0285



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.



177.5570, 24.8684, -89.9425



186.6500, 33.6966, -121.5960



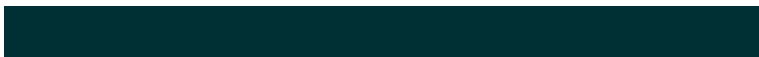
132.9450, 46.8621, -50.8178



110.8250, 2.0583, -6.8625



119.6090, 29.2798, -104.8971



33.9900, 8.3859, -29.8092

Inverse Universe

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



137.2770, 40.7824, 79.5641



132.2370, 55.0992, 107.6632



170.0550, -46.8621, 50.8178



107.8420, 3.0359, 6.2776



72.7870, 47.4330, 93.1488



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 177.5570, 24.8684, -89.9425 looks on a white background.

Color Contrast Check

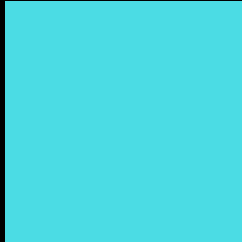
Large Text (above 18pt) WCAG AA × Fail

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 177.5570, 24.8684, -89.9425 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

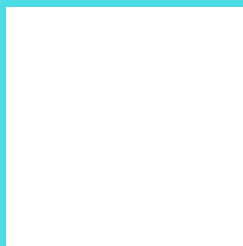
Any Text WCAG AAA ✓ Pass

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

YUV 177.5570, 24.8684, -89.9425 Background



This preview shows how black text looks on a background with the YUV color 177.5570, 24.8684, -89.9425.



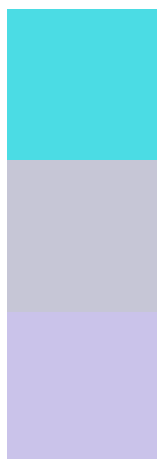
This preview shows how white text looks on a background with the YUV color 177.5570, 24.8684, -89.9425.

-89.9425.

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

177.5570, 24.8684, -89.9425

Protanopia

199.8240, 6.9888, -1.5996

Deuteranopia

201.5390, 16.0033, 0.4043



Tritanopia

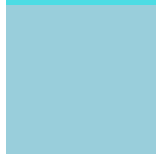
179.3770, 27.9151, -87.1536

Trichromacy



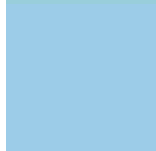
Original Color

177.5570, 24.8684, -89.9425



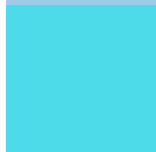
Protanomaly

191.6350, 13.4909, -33.8829



Deuteranomaly

192.8400, 19.3059, -32.3087



Tritanomaly

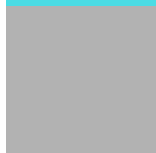
178.4370, 26.8996, -88.0832

Monochromacy



Original Color

177.5570, 24.8684, -89.9425



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.7940, 8.9756, -32.2683

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.5570, 24.8684, -89.9425 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(75, 220, 228)` looks like.

```
.text, #text, p{  
    color:rgb(75, 220, 228)  
}
```

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(75, 220, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 220, 228) }
```

Border

The CSS property to change the border of an element to YUV 177.5570, 24.8684, -89.9425 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(75, 220, 228) }
```


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

```
.border{ border-color:rgb(75, 220, 228) }
```

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

Here you see how a box with a 4 pixel rgb(75, 220, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 220, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 220, 228);  
box-shadow:4px 4px 4px 4px rgb(75, 220,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 177.5570, 24.8684, -89.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 220, 228) }
```

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

```
.background{ background-color: rgb(75, 220,  
228) }
```

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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