

Converting Colors

YUV(173.1810, 28.5048,
-89.6127)

Have a look what the booklet for
YUV(173.1810, 28.5048, -89.6127)
contains.

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Color

**YUV(173.1810, 28.5048,
-89.6127)**

Conversions

Conversions Part 1

Format	Color
Hex	47D6E7
RGB	71, 214, 231
RGB Percent	28%, 84%, 91%
CMY	0.7216, 0.1608, 0.0941
CMYK	0.69, 0.07, 0.00, 0.09
HSL	186°, 77%, 59%
HSV	186°, 69%, 91%
XYZ	41.0689, 55.2022, 84.0918
YIQ	173.1810, -90.6850, -25.0290

Conversions

Conversions Part 2

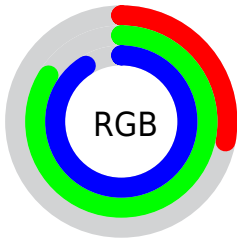
Format	Color
RYB	71, 147, 231
Decimal	4708071
CIELab	79.16, -32.16, -19.43
CIELCh	79, 37.574, 211.142
Yxy	55.2022, 0.2277, 0.3061
Android (android.graphics.Color)	4282898151 (0xFF47D6E7)
YUV	173.1810, 28.5048, -89.6127
Hunter-Lab	74.2982, -31.3546, -15.0966

Details

The YUV color **173.1810, 28.5048, -89.6127** 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 **128.8190, -28.5048, 89.6127**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3160, 17.0992, -71.3141**, and **113.2830, 30.4265, -99.3492** is the 20% darker color. If you saturate the color by 10%, you get **165.1300, 32.4739, -102.7230**, and if you desaturate by 10%, it is **181.2320, 24.5356, -76.5025**.

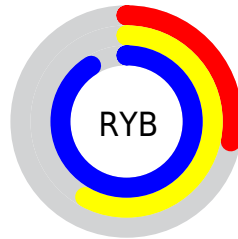
Distribution



Red (28%)

Green (84%)

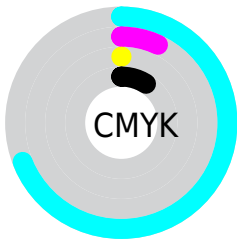
Blue (91%)



Red (28%)

Yellow (58%)

Blue (91%)

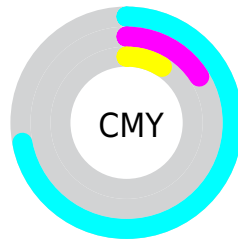


Cyan (69%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (72%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.1810, 28.5048, -89.6127 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 173.1810, 28.5048, -89.6127 by changing the saturation by 10% instead.

173.1810, 28.5048,
-89.6127

173.1810, 28.5048,
-89.6127

255.0000, 0.0000,
0.0000

137.4070, 32.3373,
-105.5969

220.3160, 17.0992,
-71.3141

113.2830, 30.4265,
-99.3492

229.5850, 12.5296,
-52.2560

94.4700, 26.8833,
-82.8502

238.8540, 7.9600,
-33.1980

76.8310, 22.7613,
-67.3808

248.1230, 3.3904,
-14.1399

59.3060, 19.0761,
-52.0114

42.4820, 15.5384,
-37.2567

27.5330, 11.5692,

-24.1464

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 173.1810, 28.5048,
-89.6127

■ 173.1810, 28.5048,
-89.6127

■ 165.1300, 32.4739,
-102.7230

■ 181.2320, 24.5356,
-76.5025

■ 156.4920, 36.7324,
-115.3185

■ 189.8700, 20.2771,
-63.9070

■ 148.4410, 40.7016,
-128.4288

■ 197.9210, 16.3079,
-50.7967

■ 147.2560, 41.2858,
-129.1435

■ 206.5590, 12.0494,
-38.2012

■ 214.9090, 7.9329,
-24.4762

■ 223.5470, 3.6743,
-11.8807

■ 231.5980, -0.2948,
1.2296

■ 239.9370, -4.4059,
13.2103

■ 241.1110, -4.9847,
12.1807

Harmonies

Analogous

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



177.8510, 8.9475, -70.0293



173.1810, 28.5048, -89.6127



180.4570, 36.7497, -74.0688

Triad

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



173.1810, 28.5048, -89.6127



201.3030, 14.1476, 35.6913



193.7230, -33.3874, 22.1679

Complementary

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



173.1810, 28.5048, -89.6127



128.8190, -28.5048, 89.6127

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.



196.1910, -29.6742, 44.5595



173.1810, 28.5048, -89.6127



197.7920, -0.8835, 50.1714

Square

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



173.1810, 28.5048, -89.6127



199.2370, 27.4912, 2.4232



195.6770, -16.6028, 52.0263



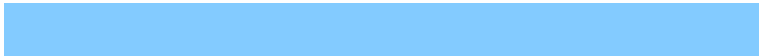
190.1430, -27.1855, -7.1414

Rectangle

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



173.1810, 28.5048, -89.6127



187.4000, 33.3268, -49.4628



195.6770, -16.6028, 52.0263



194.4790, -33.2671, 30.2749

Sweetspot

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



173.1810, 28.5048, -89.6127



235.3320, 9.6963, -30.1092



166.7440, -39.3138, -83.9675



116.0840, 5.8746, -17.6137



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.



173.1810, 28.5048, -89.6127



178.6980, 37.6169, -119.0071



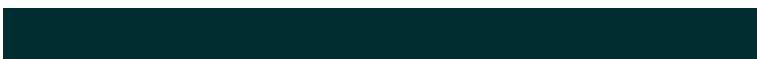
126.8080, 51.3667, -48.9436



110.8250, 2.0583, -6.8625



114.3260, 31.8843, -100.2639



32.8160, 8.9647, -28.7796

Inverse Universe

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



135.1420, 38.8770, 84.0675



128.0480, 51.7413, 111.3369



175.1920, -51.3667, 48.9436



107.8420, 3.0359, 6.2776



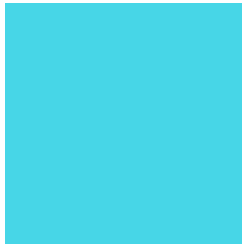
71.7610, 43.5018, 94.0486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 173.1810, 28.5048, -89.6127 looks on a white background.

Color Contrast Check

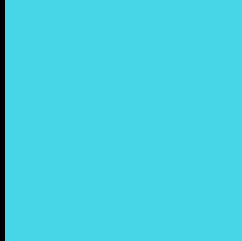
Large Text (above 18pt) WCAG AA × Fail

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 173.1810, 28.5048, -89.6127 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 173.1810, 28.5048, -89.6127 Background



This preview shows how black text looks on a background with the YUV color 173.1810, 28.5048, -89.6127.



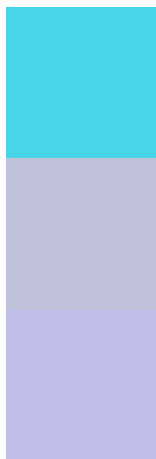
This preview shows how white text looks on a background with the YUV color 173.1810, 28.5048, -89.6127.

-89.6127.

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

173.1810, 28.5048, -89.6127

Protanopia

195.1380, 10.7780, -3.6290

Deuteranopia

196.1410, 19.6505, -2.7547



Tritanopia

173.1810, 28.5048, -89.6127

Trichromacy



Original Color

173.1810, 28.5048, -89.6127



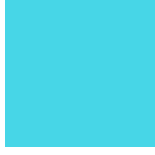
Protanomaly

187.2480, 17.1327, -35.2975



Deuteranomaly

188.0400, 22.6583, -34.2381



Tritanomaly

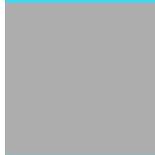
173.1810, 28.5048, -89.6127

Monochromacy



Original Color

173.1810, 28.5048, -89.6127



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.1360, 10.2860, -32.5683

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1810, 28.5048, -89.6127 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(71, 214, 231)` looks like.

```
.text, #text, p{  
    color:rgb(71, 214, 231)  
}
```

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(71, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 214, 231) }
```

Border

The CSS property to change the border of an element to YUV 173.1810, 28.5048, -89.6127 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(71, 214, 231) }
```


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

```
.border{ border-color:rgb(71, 214, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 214, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(71, 214,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 173.1810, 28.5048, -89.6127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 214, 231) }
```

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

```
.background{ background-color: rgb(71, 214,  
231) }
```

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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