

Converting Colors

YUV(176.6450, 21.3740,
-89.1427)

Have a look what the booklet for
YUV(176.6450, 21.3740, -89.1427)
contains.

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Color

**YUV(176.6450, 21.3740,
-89.1427)**

Conversions

Conversions Part 1

Format	Color
Hex	4BDCDC
RGB	75, 220, 220
RGB Percent	29%, 86%, 86%
CMY	0.7059, 0.1373, 0.1373
CMYK	0.66, 0.00, 0.00, 0.14
HSL	180°, 67%, 58%
HSV	180°, 66%, 86%
XYZ	41.4131, 57.8496, 76.6935
YIQ	176.6450, -86.4200, -30.7400

Conversions

Conversions Part 2

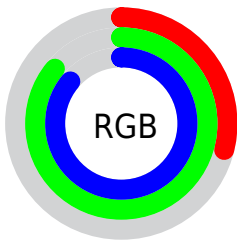
Format	Color
RYB	75, 148, 220
Decimal	4971740
CIELab	80.66, -37.56, -11.30
CIELCh	81, 39.225, 196.747
Yxy	57.8496, 0.2354, 0.3288
Android (android.graphics.Color)	4283161820 (0xFF4BDCDC)
YUV	176.6450, 21.3740, -89.1427
Hunter-Lab	76.0589, -35.9121, -6.5435

Details

The YUV color **176.6450, 21.3740, -89.1427** 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 **118.3550, -21.3740, 89.1427**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9140, 16.8044, -70.0846**, and **115.0780, 24.6115, -100.9234** is the 20% darker color. If you saturate the color by 10%, you get **170.0670, 24.6170, -102.6678**, and if you desaturate by 10%, it is **183.2230, 18.1311, -75.6176**.

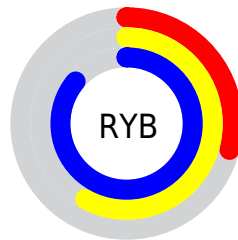
Distribution



Red (29%)

Green (86%)

Blue (86%)



Red (29%)

Yellow (58%)

Blue (86%)

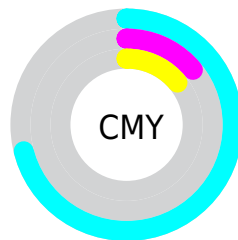


Cyan (66%)

Magenta (0%)

Yellow (0%)

Black (14%)



Cyan (71%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.6450, 21.3740, -89.1427 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 176.6450, 21.3740, -89.1427 by changing the saturation by 10% instead.

■ 176.6450, 21.3740,
-89.1427

■ 176.6450, 21.3740,
-89.1427

255.0000, 0.0000,
0.0000

■ 142.9640, 24.1747,
-100.8234

■ 220.9140, 16.8044,
-70.0846

■ 115.0780, 24.6115,
-100.9234

■ 230.1830, 12.2348,
-51.0265

■ 96.8520, 20.7790,
-84.9392

■ 239.4520, 7.6652,
-31.9684

■ 78.6260, 16.9464,
-68.9550

■ 248.7210, 3.0955,
-12.9103

■ 61.2150, 13.6980,
-53.6856

■ 43.9180, 10.8864,
-38.5161

■ 28.9690, 6.9173,

-25.4058

■ 6.2580, 8.7468,
-5.4883

■ 0.0000, 0.0000,
0.0000

■ 176.6450, 21.3740,
-89.1427

■ 176.6450, 21.3740,
-89.1427

■ 170.0670, 24.6170,
-102.6678

■ 183.2230, 18.1311,
-75.6176

■ 163.4890, 27.8599,
-116.1929

■ 189.8010, 14.8881,
-62.0925

■ 156.9110, 31.1029,
-129.7179

■ 196.3790, 11.6452,
-48.5674

■ 154.2200, 32.4295,
-135.2509

■ 202.9570, 8.4022,
-35.0423

■ 209.5350, 5.1592,
-21.5172

■ 216.1130, 1.9163,
-7.9921

■ 222.6910, -1.3267,
5.5330

■ 229.2690, -4.5696,
19.0581

■ 230.4650, -5.1592,
21.5172

Harmonies

Analogous

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



184.5830, -1.2734, -58.3933



176.6450, 21.3740, -89.1427



177.6350, 36.6619, -92.6419

Triad

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



176.6450, 21.3740, -89.1427



204.8050, 22.7741, 22.0960



198.8710, -34.4464, 35.1931

Complementary

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



176.6450, 21.3740, -89.1427



118.3550, -21.3740, 89.1427

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.



198.7770, -25.0331, 49.3076



176.6450, 21.3740, -89.1427



203.2350, 7.2791, 45.3979

Square

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



176.6450, 21.3740, -89.1427



198.8280, 27.6928, -15.6352



198.4300, -8.5930, 49.6119



195.4500, -32.7598, 7.4984

Rectangle

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



176.6450, 21.3740, -89.1427



184.3110, 34.8497, -71.3097



198.4300, -8.5930, 49.6119



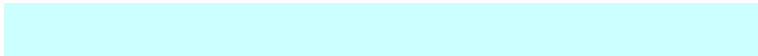
200.0830, -32.5789, 42.9002

Sweetspot

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



176.6450, 21.3740, -89.1427



239.7510, 7.5178, -31.3536



160.1150, -41.9617, -74.6459



118.7310, 4.5696, -19.0581



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.



176.6450, 21.3740, -89.1427



194.9010, 29.6288, -123.5702



133.7940, 42.4996, -51.5623



106.7110, 1.6215, -6.7625



121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Inverse Universe

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



134.8850, 41.9617, 74.6459



137.0130, 58.1676, 103.4746



160.6190, -42.2102, 52.0771



103.5430, 3.1833, 5.6628



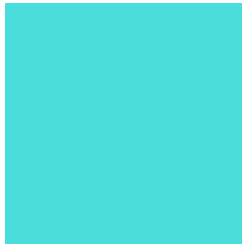
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 176.6450, 21.3740, -89.1427 looks on a white background.

Color Contrast Check

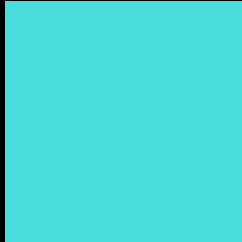
Large Text (above 18pt) WCAG AA × Fail

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 176.6450, 21.3740, -89.1427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

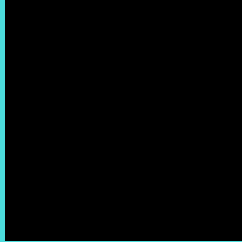
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

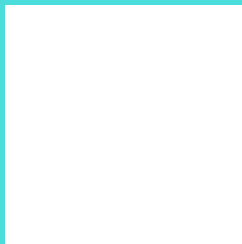
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.6450, 21.3740, -89.1427

Background



This preview shows how black text looks on a background with the YUV color 176.6450, 21.3740, -89.1427.

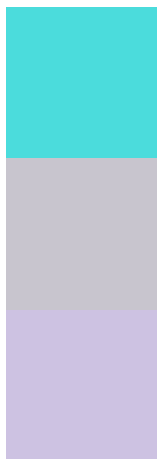


This preview shows how white text looks on a background with the YUV color 176.6450, 21.3740, -89.1427.

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

176.6450, 21.3740, -89.1427

Protanopia

198.9230, 3.4890, 0.9445

Deuteranopia

200.9370, 12.3561, 3.5633



Tritanopia

179.5730, 27.3255, -84.6945

Trichromacy



Original Color

176.6450, 21.3740, -89.1427

Protanomaly

190.7340, 9.9911, -31.3387

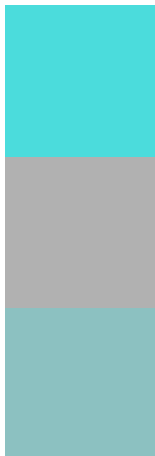
Deuteranomaly

191.9390, 15.8061, -29.7645

Tritanomaly

178.6930, 25.2944, -86.5538

Monochromacy



Original Color

176.6450, 21.3740, -89.1427

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.1530, 7.8126, -32.5832

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.6450, 21.3740, -89.1427 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, 220)` looks like.

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

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, 220) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 176.6450, 21.3740, -89.1427 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, 220) }
```


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

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

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, 220) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 176.6450, 21.3740, -89.1427 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, 220) }
```

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

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

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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