

Converting Colors

YUV(155.3260, 41.7443,
-136.2209)

Have a look what the booklet for
YUV(155.3260, 41.7443, -136.2209)
contains.

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Color

**YUV(155.3260, 41.7443,
-136.2209)**

Conversions

Conversions Part 1

Format	Color
Hex	00DAF0
RGB	0, 218, 240
RGB Percent	0%, 85%, 94%
CMY	1.0000, 0.1451, 0.0588
CMYK	1.00, 0.09, 0.00, 0.06
HSL	186°, 100%, 47%
HSV	186°, 100%, 94%
XYZ	40.7996, 56.4341, 91.1806
YIQ	155.3260, -136.9900, -39.3740

Conversions

Conversions Part 2

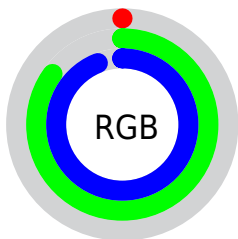
Format	Color
RYB	0, 114, 240
Decimal	56048
CIELab	79.86, -36.02, -23.24
CIELCh	80, 42.862, 212.831
Yxy	56.4341, 0.2165, 0.2995
Android (android.graphics.Color)	4278246128 (0xFF00DAF0)
YUV	155.3260, 41.7443, -136.2209
Hunter-Lab	75.1226, -34.5201, -19.3778

Details

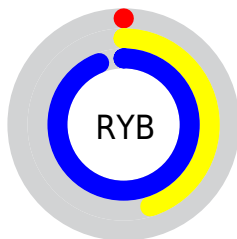
The YUV color **155.3260, 41.7443, -136.2209** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **84.6740, -41.7443, 136.2209**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, 20.7844, -86.6836**, and **116.6570, 33.2001, -102.3082** is the 20% darker color. If you saturate the color by 10%, you get **155.3260, 41.7443, -136.2209**, and if you desaturate by 10%, it is **163.6760, 37.6277, -122.4959**.

Distribution



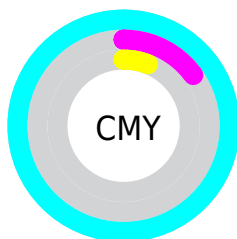
- Red (0%)
- Green (85%)
- Blue (94%)



- Red (0%)
- Yellow (45%)
- Blue (94%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3260, 41.7443, -136.2209 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 155.3260, 41.7443, -136.2209 by changing the saturation by 10% instead.

155.3260, 41.7443,
-136.2209

155.3260, 41.7443,
-136.2209

255.0000, 0.0000,
0.0000

135.6980, 37.6169,
-119.0071

212.8410, 20.7844,
-86.6836

116.6570, 33.2001,
-102.3082

223.0070, 15.7725,
-65.7811

97.7300, 29.2201,
-85.7092

232.8740, 10.9081,
-45.4935

79.5040, 25.3875,
-69.7250

242.4420, 6.1911,
-25.8206

61.9790, 21.7024,
-54.3556

252.0100, 1.4741,
-6.1478

45.0410, 17.7278,
-39.5010

30.0920, 13.7586,

-26.3907

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 155.3260, 41.7443,
-136.2209

■ 163.6760, 37.6277,
-122.4959

■ 172.0260, 33.5112,
-108.7708

■ 180.9630, 29.1052,
-95.5606

■ 189.3130, 24.9887,
-81.8355

■ 197.6630, 20.8721,
-68.1105

■ 206.0130, 16.7556,
-54.3854

■ 214.3630, 12.6390,
-40.6604

■ 223.3000, 8.2331,
-27.4501

■ 231.6500, 4.1166,
-13.7250

Harmonies

Analogous

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



173.2940, 13.6591, -87.9578



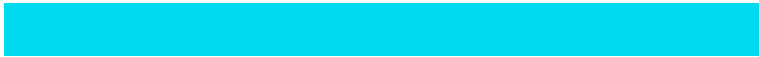
155.3260, 41.7443, -136.2209



175.0420, 39.4193, -90.3678

Triad

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



155.3260, 41.7443, -136.2209



203.6890, 15.4363, 42.3687



195.0560, -38.4816, 22.7529

Complementary

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



155.3260, 41.7443, -136.2209



84.6740, -41.7443, 136.2209

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.



197.9590, -34.4898, 49.1480



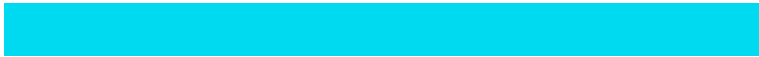
155.3260, 41.7443, -136.2209



196.6180, -0.3047, 51.2010

Square

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



155.3260, 41.7443, -136.2209



200.1450, 27.0435, 6.0118



194.5200, -18.4974, 53.0410



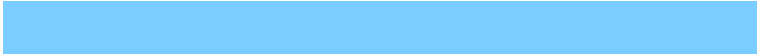
190.0240, -30.0848, -10.5450

Rectangle

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



155.3260, 41.7443, -136.2209



185.8830, 34.0747, -56.0254



194.5200, -18.4974, 53.0410



195.8230, -38.3667, 32.6042

Sweetspot

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



155.3260, 41.7443, -136.2209



228.1670, 13.2287, -43.1195



143.1600, -60.7179, -125.5513



111.3110, 8.2277, -25.7057



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.



155.3260, 41.7443, -136.2209



165.2540, 44.2448, -144.9278



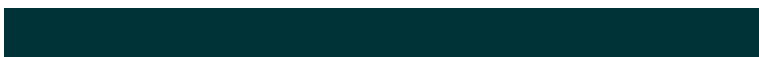
86.0600, 75.8924, -75.4746



115.8250, 2.0583, -6.8625



119.0050, 32.0425, -104.3674



36.3210, 9.7017, -31.8535

Inverse Universe

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



96.6120, 59.8443, 125.7513



102.6930, 63.7484, 133.5732



153.9400, -75.8924, 75.4746



112.8420, 3.0359, 6.2776



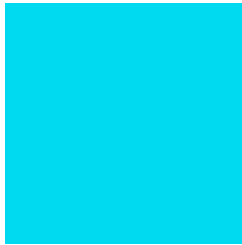
74.0540, 45.8224, 96.4226



22.5580, 14.0219, 29.3286

Previews

White Background



This preview shows how the YUV color 155.3260, 41.7443, -136.2209 looks on a white background.

Color Contrast Check

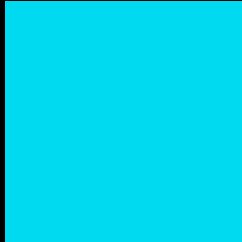
Large Text (above 18pt) WCAG AA × Fail

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 155.3260, 41.7443, -136.2209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

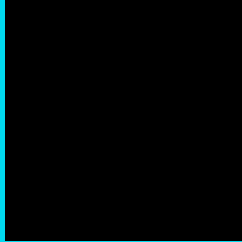
Any Text WCAG AA ✓ Pass

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 155.3260, 41.7443, -136.2209 Background



This preview shows how black text looks on a background with the YUV color 155.3260, 41.7443, -136.2209.

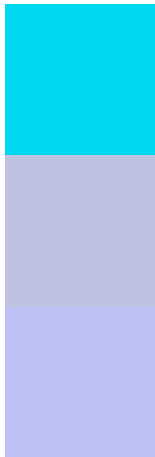


This preview shows how white text looks on a background with the YUV color 155.3260, 41.7443, -136.2209.

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

155.3260, 41.7443, -136.2209

Protanopia

197.2240, 13.6936, -5.4584

Deuteranopia

198.1450, 23.5925, -7.1432



Tritanopia

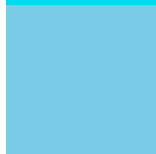
154.8700, 39.9971, -135.8210

Trichromacy



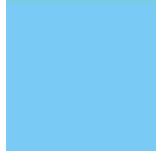
Original Color

155.3260, 41.7443, -136.2209



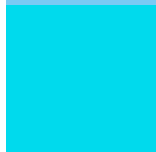
Protanomaly

181.8590, 23.7335, -52.4963



Deuteranomaly

182.5690, 30.2855, -53.9960



Tritanomaly

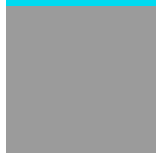
154.9840, 40.4339, -135.9210

Monochromacy



Original Color

155.3260, 41.7443, -136.2209



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.2910, 15.1395, -49.3672

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3260, 41.7443, -136.2209 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(0, 218, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 218, 240)  
}
```

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(0, 218, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 218, 240) }
```

Border

The CSS property to change the border of an element to YUV 155.3260, 41.7443, -136.2209 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(0, 218, 240) }
```


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

```
.border{ border-color:rgb(0, 218, 240) }
```

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

Here you see how a box with a 4 pixel rgb(0, 218, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 218, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 218, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 218,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 155.3260, 41.7443, -136.2209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 218, 240) }
```

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

```
.background{ background-color: rgb(0, 218,  
240) }
```

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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