

Converting Colors

YUV(164.0010, 44.8625,
-109.6259)

Have a look what the booklet for
YUV(164.0010, 44.8625, -109.6259)
contains.

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Color

**YUV(164.0010, 44.8625,
-109.6259)**

Conversions

Conversions Part 1

Format	Color
Hex	27D2FF
RGB	39, 210, 255
RGB Percent	15%, 82%, 100%
CMY	0.8471, 0.1765, 0.0000
CMYK	0.85, 0.18, 0.00, 0.00
HSL	192°, 100%, 58%
HSV	192°, 85%, 100%
XYZ	41.9333, 53.7445, 102.7714
YIQ	164.0010, -116.3610, -22.2570

Conversions

Conversions Part 2

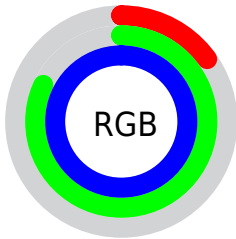
Format	Color
R _{YB}	39, 134, 255
Decimal	2609919
CIE _{Lab}	78.31, -25.88, -33.58
CIE _{LCh}	78, 42.396, 232.373
Yxy	53.7445, 0.2113, 0.2708
Android (android.graphics.Color)	4280799999 (0xFF27D2FF)
YUV	164.0010, 44.8625, -109.6259
Hunter-Lab	73.3107, -26.1926, -31.7989

Details

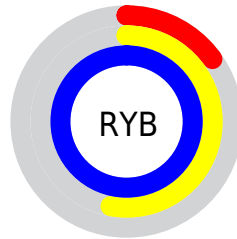
The YUV color **164.0010, 44.8625, -109.6259** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **129.9990, -44.8625, 109.6259**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8310, 19.3103, -80.5358**, and **113.5570, 41.6304, -99.5895** is the 20% darker color. If you saturate the color by 10%, you get **153.5910, 49.9946, -122.4213**, and if you desaturate by 10%, it is **174.7100, 39.5830, -96.2157**.

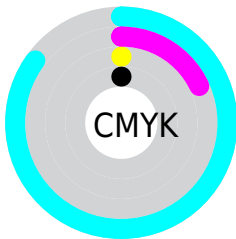
Distribution



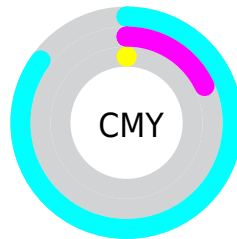
- Red (15%)
- Green (82%)
- Blue (100%)



- Red (15%)
- Yellow (53%)
- Blue (100%)



- Cyan (85%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.0010, 44.8625, -109.6259 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 164.0010, 44.8625, -109.6259 by changing the saturation by 10% instead.

■ 164.0010, 44.8625,
-109.6259

■ 164.0010, 44.8625,
-109.6259

255.0000, 0.0000,
0.0000

■ 132.5980, 46.0472,
-116.2884

■ 215.8310, 19.3103,
-80.5358

■ 113.5570, 41.6304,
-99.5895

■ 225.9970, 14.2985,
-59.6334

■ 95.2170, 37.3610,
-83.5053

■ 235.5650, 9.5815,
-39.9605

■ 77.4640, 32.8022,
-67.9359

■ 245.1330, 4.8644,
-20.2876

■ 59.8250, 28.6803,
-52.4665

254.7010, 0.1474,
-0.6148

■ 43.4740, 24.4163,
-38.1267

■ 28.9980, 19.7210,

-25.4312

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 164.0010, 44.8625,
-109.6259

■ 164.0010, 44.8625,
-109.6259

■ 153.5910, 49.9946,
-122.4213

■ 174.7100, 39.5830,
-96.2157

■ 147.6440, 52.9265,
-129.4838

■ 185.7070, 34.1614,
-83.9350

■ 196.4160, 28.8819,
-70.5248

■ 206.8260, 23.7498,
-57.7294

■ 218.1220, 18.1809,
-44.8340

■ 228.5320, 13.0487,
-32.0386

■ 239.2410, 7.7692,
-18.6284

■ 250.2380, 2.3477,
-6.3477

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



157.2050, 31.9439, -119.4518



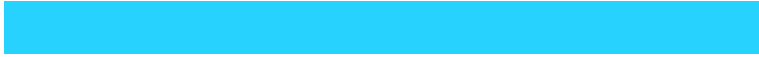
164.0010, 44.8625, -109.6259



182.3390, 35.8219, -56.4253

Triad

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



164.0010, 44.8625, -109.6259



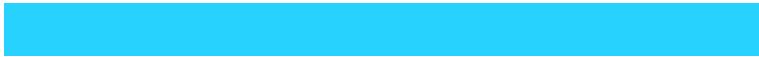
195.8830, 4.4947, 51.8456



187.7760, -33.9066, 1.9504

Complementary

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



164.0010, 44.8625, -109.6259



129.9990, -44.8625, 109.6259

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.



191.9370, -37.9299, 32.5043



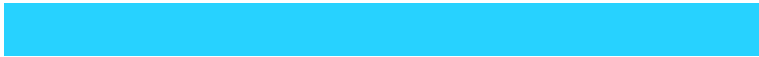
164.0010, 44.8625, -109.6259



191.4370, -12.5404, 55.7448

Square

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



164.0010, 44.8625, -109.6259



199.1050, 21.1472, 30.6029



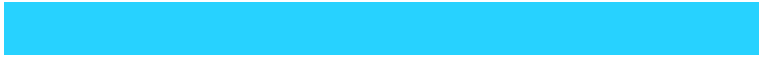
193.5450, -29.8487, 53.8960



182.1550, -18.8104, -33.4619

Rectangle

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



164.0010, 44.8625, -109.6259



190.5110, 31.7931, -24.1271



193.5450, -29.8487, 53.8960



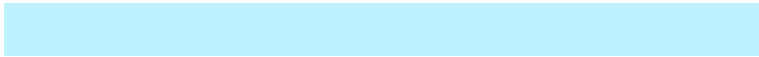
189.5600, -36.2651, 11.7869

Sweetspot

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



164.0010, 44.8625, -109.6259



228.2330, 13.1961, -32.6533



170.6940, -43.7261, -115.4956



111.6430, 8.0640, -19.8579



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.



164.0010, 44.8625, -109.6259



147.6440, 52.9265, -129.4838



101.7790, 75.5380, -55.0572



122.3520, 2.7845, -6.4477



110.4110, 39.7304, -96.8304



36.6460, 13.4855, -32.1385

Inverse Universe

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



123.0780, 42.8525, 115.6956



99.2730, 50.6444, 136.5726



192.2210, -75.5380, 55.0572



120.0270, 2.4517, 6.9923



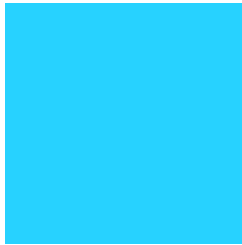
74.3230, 37.8018, 102.3257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 164.0010, 44.8625, -109.6259 looks on a white background.

Color Contrast Check

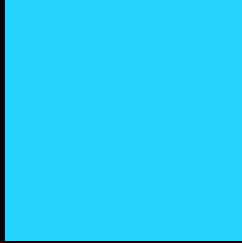
Large Text (above 18pt) WCAG AA × Fail

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 164.0010, 44.8625, -109.6259 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 164.0010, 44.8625, -109.6259 Background



This preview shows how black text looks on a background with the YUV color 164.0010, 44.8625, -109.6259.



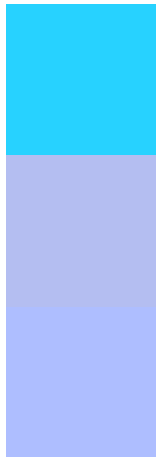
This preview shows how white text looks on a background with the YUV color 164.0010, 44.8625, -109.6259.

-109.6259.

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

164.0010, 44.8625, -109.6259

Protanopia

192.8240, 23.7508, -11.2466

Deuteranopia

192.6260, 30.7504, -16.3350



Tritanopia

151.9520, 38.9707, -133.2619

Trichromacy



Original Color

164.0010, 44.8625, -109.6259



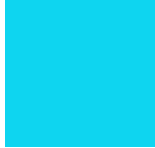
Protanomaly

182.2540, 31.4268, -46.7038



Deuteranomaly

182.0840, 35.9476, -50.0627



Tritanomaly

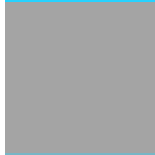
156.5770, 41.1275, -125.0400

Monochromacy



Original Color

164.0010, 44.8625, -109.6259



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.2860, 16.1280, -39.7158

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.0010, 44.8625, -109.6259 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(39, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(39, 210, 255)  
}
```

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(39, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 210, 255) }
```

Border

The CSS property to change the border of an element to YUV 164.0010, 44.8625, -109.6259 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(39, 210, 255) }
```


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

```
.border{ border-color:rgb(39, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(39, 210,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 164.0010, 44.8625, -109.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 210, 255) }
```

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

```
.background{ background-color: rgb(39, 210,  
255) }
```

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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