

Converting Colors

YUV(158.2100, 47.7175,
-138.7502)

Have a look what the booklet for
YUV(158.2100, 47.7175, -138.7502)
contains.

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Color

**YUV(158.2100, 47.7175,
-138.7502)**

Conversions

Conversions Part 1

Format	Color
Hex	00DCFF
RGB	0, 220, 255
RGB Percent	0%, 86%, 100%
CMY	1.0000, 0.1373, 0.0000
CMYK	1.00, 0.14, 0.00, 0.00
HSL	188°, 100%, 50%
HSV	188°, 100%, 100%
XYZ	43.6432, 58.4064, 103.5811
YIQ	158.2100, -142.3550, -35.7550

Conversions

Conversions Part 2

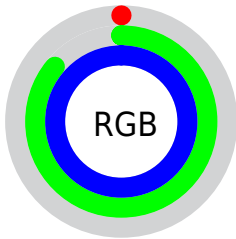
Format	Color
RYB	0, 118, 255
Decimal	56575
CIELab	80.96, -32.21, -29.52
CIELCh	81, 43.690, 222.507
Yxy	58.4064, 0.2122, 0.2840
Android (android.graphics.Color)	4278246655 (0xFF00DCFF)
YUV	158.2100, 47.7175, -138.7502
Hunter-Lab	76.4241, -31.8068, -26.8616

Details

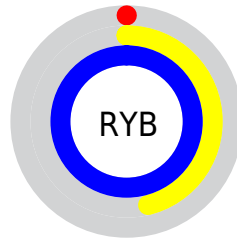
The YUV color **158.2100, 47.7175, -138.7502** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **96.7900, -47.7175, 138.7502**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4390, 20.4896, -85.4540**, and **119.4270, 38.7365, -104.7375** is the 20% darker color. If you saturate the color by 10%, you get **158.2100, 47.7175, -138.7502**, and if you desaturate by 10%, it is **168.0330, 42.8747, -125.4399**.

Distribution



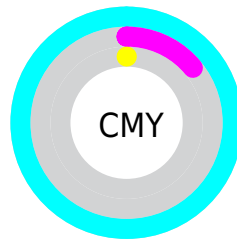
- Red (0%)
- Green (86%)
- Blue (100%)



- Red (0%)
- Yellow (46%)
- Blue (100%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.2100, 47.7175, -138.7502 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 158.2100, 47.7175, -138.7502 by changing the saturation by 10% instead.

■ 158.2100, 47.7175,
-138.7502

■ 158.2100, 47.7175,
-138.7502

■ 255.0000, 0.0000,
0.0000

■ 138.4680, 43.1533,
-121.4364

■ 213.4390, 20.4896,
-85.4540

■ 119.4270, 38.7365,
-104.7375

■ 223.9040, 15.3303,
-63.9368

■ 100.5000, 34.7565,
-88.1385

■ 233.7710, 10.4659,
-43.6492

■ 82.1600, 30.4871,
-72.0543

■ 243.6380, 5.6015,
-23.3615

■ 64.5210, 26.3651,
-56.5849

■ 253.2060, 0.8844,
-3.6887

■ 47.6970, 22.8274,
-41.8303

■ 32.0470, 18.7108,

-28.1052

■ 11.2280, 17.6356,
-9.8470

■ 3.5510, 11.0674,
-3.1142

■ 158.2100, 47.7175,
-138.7502

■ 168.0330, 42.8747,
-125.4399

■ 177.5680, 38.1740,
-111.0001

■ 187.6900, 33.1838,
-97.0751

■ 196.9260, 28.6305,
-83.2501

■ 207.0480, 23.6403,
-69.3251

■ 216.2840, 19.0870,
-55.5001

■ 226.4060, 14.0968,
-41.5751

■ 235.6420, 9.5435,
-27.7500

■ 245.7640, 4.5533,
-13.8250

Harmonies

Analogous

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



170.2900, 23.0280, -106.3713



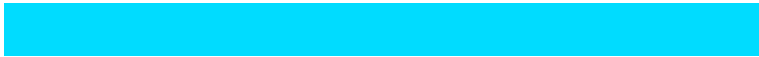
158.2100, 47.7175, -138.7502



182.5170, 35.7341, -74.9984

Triad

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



158.2100, 47.7175, -138.7502



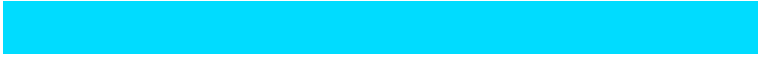
203.0870, 11.7891, 45.5277



196.5170, -37.7229, 12.7016

Complementary

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



158.2100, 47.7175, -138.7502



96.7900, -47.7175, 138.7502

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.



199.7040, -37.8151, 42.3556



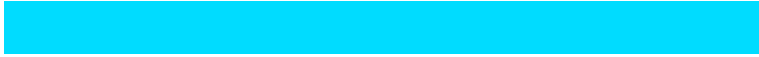
158.2100, 47.7175, -138.7502



196.5380, -5.6882, 51.2712

Square

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



158.2100, 47.7175, -138.7502



204.9510, 24.6742, 19.3370



197.0160, -24.1649, 50.8520



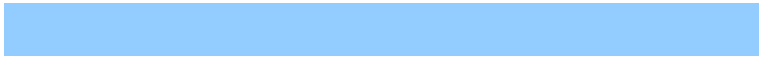
191.6850, -25.9737, -22.5257

Rectangle

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



158.2100, 47.7175, -138.7502



192.7710, 30.6789, -40.1412



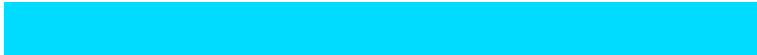
197.0160, -24.1649, 50.8520



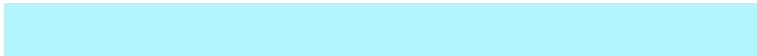
197.8280, -39.3552, 22.9528

Sweetspot

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



158.2100, 47.7175, -138.7502



226.4060, 14.0968, -41.5751



153.5610, -58.9436, -134.6730



110.1370, 8.8065, -24.6761



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.



158.2100, 47.7175, -138.7502



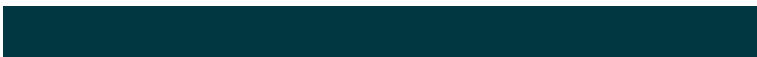
84.2480, 84.1807, -73.8855



122.9390, 2.4951, -6.9625



118.6290, 35.6789, -104.0376



39.5810, 12.0386, -34.7125

Inverse Universe

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



101.3250, 58.5068, 134.7730



171.3390, -84.4701, 73.3707



120.1410, 2.8885, 6.8923



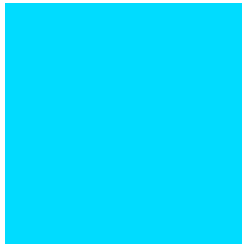
75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 158.2100, 47.7175, -138.7502 looks on a white background.

Color Contrast Check

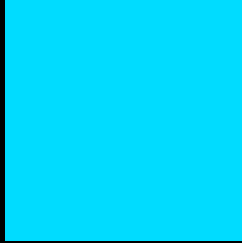
Large Text (above 18pt) WCAG AA × Fail

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 158.2100, 47.7175, -138.7502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

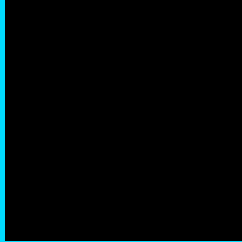
Any Text WCAG AA ✓ Pass

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 158.2100, 47.7175, -138.7502 Background



This preview shows how black text looks on a background with the YUV color 158.2100, 47.7175, -138.7502.



This preview shows how white text looks on a background with the YUV color 158.2100, 47.7175, -138.7502.

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



Protanopia

200.2820, 19.0880, -9.0173

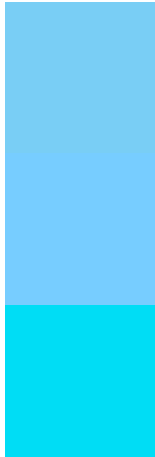
Deuteranopia

200.0350, 27.0977, -11.4317

Tritanopia

157.5600, 40.1499, -138.1801

Trichromacy



Protanomaly

185.0310, 29.5647, -56.1552

Deuteranomaly

184.9860, 34.5169, -57.8697

Tritanomaly

157.6570, 43.0601, -138.2652

Monochromacy



Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.4480, 17.0341, -50.3819

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2100, 47.7175, -138.7502 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, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 220, 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(0, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 220, 255) }
```

Border

The CSS property to change the border of an element to YUV 158.2100, 47.7175, -138.7502 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, 220, 255) }
```

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

```
.border{ border-color:rgb(0, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 220,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 158.2100, 47.7175, -138.7502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 220, 255) }
```

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

```
.background{ background-color: rgb(0, 220,  
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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