

Converting Colors

YUV(200.3780, 9.6736,
-69.6145)

Have a look what the booklet for
YUV(200.3780, 9.6736, -69.6145)
contains.

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Color

**YUV(200.3780, 9.6736,
-69.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	79EDDC
RGB	121, 237, 220
RGB Percent	47%, 93%, 86%
CMY	0.5255, 0.0706, 0.1373
CMYK	0.49, 0.00, 0.07, 0.07
HSL	171°, 76%, 70%
HSV	171°, 49%, 93%
XYZ	51.0876, 69.8006, 78.4904
YIQ	200.3780, -63.6790, -29.8790

Conversions

Conversions Part 2

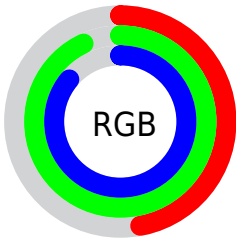
Format	Color
R _{YB}	121, 184, 237
Decimal	7990748
CIE Lab	86.90, -37.00, -1.92
CIE LCh	87, 37.047, 182.965
Yxy	69.8006, 0.2562, 0.3501
Android (android.graphics.Color)	4286180828 (0xFF79EDDC)
YUV	200.3780, 9.6736, -69.6145
Hunter-Lab	83.5468, -37.0567, 2.7810

Details

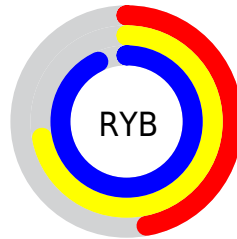
The YUV color **200.3780, 9.6736, -69.6145** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **157.6220, -9.6736, 69.6145**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5750, 11.0555, -46.1083**, and **142.3990, 11.1423, -74.0179** is the 20% darker color. If you saturate the color by 10%, you get **192.8600, 11.9010, -84.0692**, and if you desaturate by 10%, it is **207.8960, 7.4463, -55.1598**.

Distribution



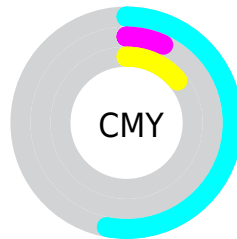
- Red (47%)
- Green (93%)
- Blue (86%)



- Red (47%)
- Yellow (72%)
- Blue (93%)



- Cyan (49%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)




- Cyan (53%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.3780, 9.6736, -69.6145 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 200.3780, 9.6736, -69.6145 by changing the saturation by 10% instead.

 200.3780, 9.6736,
-69.6145

 200.3780, 9.6736,
-69.6145


255.0000, 0.0000,
0.0000


 171.1930, 10.2579,
-70.3293


 232.5750, 11.0555,
-46.1083

 142.3990, 11.1423,
-74.0179


 241.5450, 6.6333,
-27.6650

 108.0490, 15.2588,
-87.7430

 250.5150, 2.2111,
-9.2217

 87.4310, 12.6055,
-76.6770

 69.4330, 9.6465,
-60.8927

 52.7230, 6.5456,
-46.2381

 36.1270, 3.8814,

-31.6834

■ 21.4060, 0.7858,
-18.7731

■ 0.0000, 0.0000,
0.0000

■ 200.3780, 9.6736,
-69.6145

■ 200.3780, 9.6736,
-69.6145

■ 192.8600, 11.9010,
-84.0692

■ 207.8960, 7.4463,
-55.1598

■ 185.5270, 13.5442,
-97.8092

■ 215.2290, 5.8031,
-41.4198

■ 178.0090, 15.7716,
-112.2639

■ 222.7470, 3.5757,
-26.9651

■ 170.3770, 17.5621,
-126.6186

■ 230.3790, 1.7852,
-12.6104

■ 163.1580, 19.6421,
-140.4586

■ 237.5980, -0.2948,
1.2296

■ 162.1470, 19.6475,
-142.2029

■ 242.8380, -0.9061,
10.6661

■ 243.1800, 0.4043,
10.3661

■ 243.6360, 2.1515,
9.9662

■ 243.9780, 3.4618,
9.6663

Harmonies

Analogous

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



206.2880, -10.4950, -40.5946



200.3780, 9.6736, -69.6145



198.1000, 28.0517, -84.2797

Triad

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



200.3780, 9.6736, -69.6145



218.4520, 18.0182, 7.4966



214.3640, -28.7735, 35.6378

Complementary

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



200.3780, 9.6736, -69.6145



157.6220, -9.6736, 69.6145

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.



211.3440, -14.9596, 38.2863



200.3780, 9.6736, -69.6145



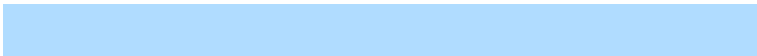
219.7970, 14.8901, 30.8730

Square

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



200.3780, 9.6736, -69.6145



210.8340, 21.7738, -30.5494



212.8720, 1.0491, 36.9463



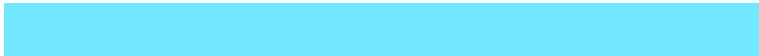
215.5980, -33.8188, 20.5236

Rectangle

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



200.3780, 9.6736, -69.6145



199.3400, 27.4404, -74.8432



212.8720, 1.0491, 36.9463



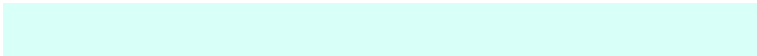
212.8140, -24.5583, 36.9971

Sweetspot

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



200.3780, 9.6736, -69.6145



242.9540, 2.9807, -22.7617



194.1750, -36.0753, -49.2655



120.6670, 1.6432, -13.7400



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.



200.3780, 9.6736, -69.6145



207.6420, 12.5015, -90.0170



178.2490, 28.9642, -50.2074



113.5970, 1.1847, -6.6626



123.9170, 15.3239, -108.6752



36.9420, 4.4656, -32.3981

Inverse Universe

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



157.6220, -9.6736, 69.6145



152.3580, -12.5015, 90.0170



179.7510, -28.9642, 50.2074



109.4030, -1.1847, 6.6626



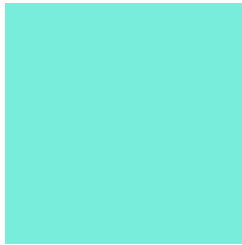
57.1970, -14.8871, 108.5752



17.0580, -4.4656, 32.3981

Previews

White Background



This preview shows how the YUV color 200.3780, 9.6736, -69.6145 looks on a white background.

Color Contrast Check

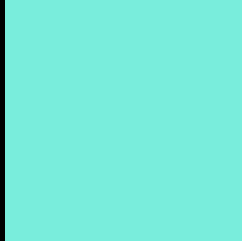
Large Text (above 18pt) WCAG AA × Fail

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 200.3780, 9.6736, -69.6145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

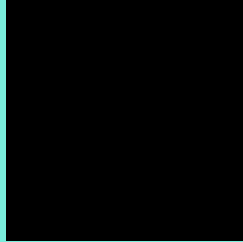
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

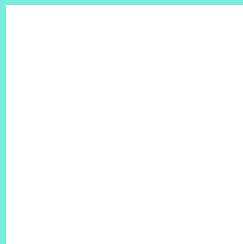
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.3780, 9.6736, -69.6145

Background



This preview shows how black text looks on a background with the YUV color 200.3780, 9.6736, -69.6145.

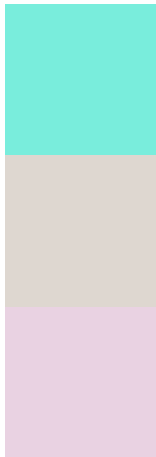


This preview shows how white text looks on a background with the YUV color 200.3780, 9.6736,

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

200.3780, 9.6736, -69.6145

Protanopia

216.2950, -4.0894, 5.0033

Deuteranopia

218.7010, 3.5984, 12.5402



Tritanopia

203.9670, 23.1873, -63.9921

Trichromacy



Original Color

200.3780, 9.6736, -69.6145



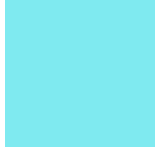
Protanomaly

210.3840, 0.7967, -22.2618



Deuteranomaly

212.0840, 5.8746, -17.6137



Tritanomaly

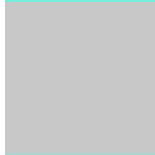
202.6910, 18.3933, -66.3810

Monochromacy



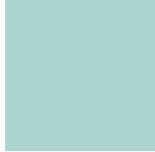
Original Color

200.3780, 9.6736, -69.6145



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.7580, 3.5703, -25.2208

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3780, 9.6736, -69.6145 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(121, 237, 220)` looks like.

```
.text, #text, p{  
    color:rgb(121, 237, 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(121, 237, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 237, 220) }
```

Border

The CSS property to change the border of an element to YUV 200.3780, 9.6736, -69.6145 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(121, 237, 220) }
```


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

```
.border{ border-color:rgb(121, 237, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 237, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 237, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 237, 220);  
box-shadow:4px 4px 4px 4px rgb(121, 237,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 200.3780, 9.6736, -69.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 237, 220) }
```

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

```
.background{ background-color: rgb(121,  
237, 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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