

Converting Colors

YUV(187.4410, 7.1776,
-109.1348)

Have a look what the booklet for
YUV(187.4410, 7.1776, -109.1348)
contains.

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Color

**YUV(187.4410, 7.1776,
-109.1348)**

Conversions

Conversions Part 1

Format	Color
Hex	3FF8CA
RGB	63, 248, 202
RGB Percent	25%, 97%, 79%
CMY	0.7529, 0.0275, 0.2078
CMYK	0.75, 0.00, 0.19, 0.03
HSL	165°, 93%, 61%
HSV	165°, 75%, 97%
XYZ	46.2780, 72.4558, 67.4234
YIQ	187.4410, -95.4940, -53.5260

Conversions

Conversions Part 2

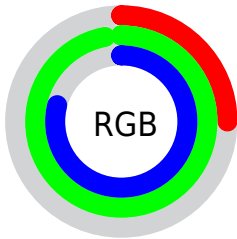
Format	Color
RYB	63, 169, 248
Decimal	4192458
CIELab	88.19, -55.73, 9.16
CIElCh	88, 56.480, 170.662
Yxy	72.4558, 0.2486, 0.3892
Android (android.graphics.Color)	4282382538 (0xFF3FF8CA)
YUV	187.4410, 7.1776, -109.1348
Hunter-Lab	85.1210, -51.9161, 12.6217

Details

The YUV color **187.4410, 7.1776, -109.1348** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **123.5590, -7.1776, 109.1348**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4190, 17.5414, -73.1585**, and **128.4020, 9.6618, -112.6086** is the 20% darker color. If you saturate the color by 10%, you get **179.2820, 8.2420, -123.9043**, and if you desaturate by 10%, it is **195.6000, 6.1132, -94.3652**.

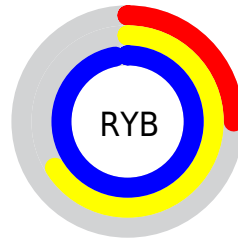
Distribution



Red (25%)

Green (97%)

Blue (79%)



Red (25%)

Yellow (66%)

Blue (97%)

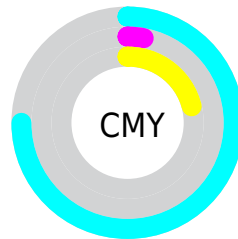


Cyan (75%)

Magenta (0%)

Yellow (19%)

Black (3%)



Cyan (75%)

Magenta (3%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.4410, 7.1776, -109.1348 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 187.4410, 7.1776, -109.1348 by changing the saturation by 10% instead.

187.4410, 7.1776,
-109.1348

187.4410, 7.1776,
-109.1348

255.0000, 0.0000,
0.0000

148.5030, 13.0630,
-130.2371

219.4190, 17.5414,
-73.1585

128.4020, 9.6618,
-112.6086

229.2860, 12.6770,
-52.8708

109.5890, 6.1186,
-96.1096

238.5550, 8.1074,
-33.8127

90.8900, 3.0122,
-79.7105

248.1230, 3.3904,
-14.1399

72.4190, 0.7794,
-63.5115

54.5350, -1.7428,
-47.8272

38.0530, -3.9701,

-33.3725

■ 21.2290, -7.5079,
-18.6178

■ 0.0000, 0.0000,
0.0000

■ 187.4410, 7.1776,
-109.1348

■ 187.4410, 7.1776,
-109.1348

■ 179.2820, 8.2420,
-123.9043

■ 195.6000, 6.1132,
-94.3652


■ 171.1230, 9.3064,
-138.6739


■ 203.7590, 5.0488,
-79.5956


■ 166.7800, 9.4755,
-146.2661


■ 211.6190, 4.1318,
-65.4409


■ 219.8920, 3.5042,
-50.7713

 228.0510, 2.4399,
-36.0017

 236.2100, 1.3755,
-21.2322

 244.3690, 0.3111,
-6.4626

 250.4350, 0.2785,
4.0035

 250.8910, 2.0257,
3.6036

Harmonies

Analogous

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



205.6130, -26.9242, -44.3876



187.4410, 7.1776, -109.1348



175.2330, 39.3251, -153.6793

Triad

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



187.4410, 7.1776, -109.1348



214.4880, 19.9724, -12.7060



205.4960, -32.2895, 43.4150

Complementary

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



187.4410, 7.1776, -109.1348



123.5590, -7.1776, 109.1348

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.



202.5220, -8.1453, 46.0232



187.4410, 7.1776, -109.1348



218.6060, 17.9422, 31.9175

Square

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



187.4410, 7.1776, -109.1348



191.8650, 31.1256, -90.2126



208.6780, 15.4417, 40.6244



213.5710, -49.5815, 36.3332

Rectangle

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



187.4410, 7.1776, -109.1348



173.4720, 40.1933, -152.1349



208.6780, 15.4417, 40.6244



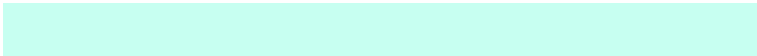
203.5700, -24.4380, 45.1041

Sweetspot

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



187.4410, 7.1776, -109.1348



236.6600, 2.1396, -33.0278



185.3490, -60.3181, -66.9581



116.8080, 1.0807, -20.0026



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.



187.4410, 7.1776, -109.1348



179.7320, 9.0061, -135.7000



165.6830, 40.5823, -90.0530



120.7710, 0.6059, -7.6922



127.1310, 7.3304, -111.4939



41.0510, 2.4399, -36.0017

Inverse Universe

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



123.5590, -7.1776, 109.1348



100.3820, -8.5693, 135.6000



145.3170, -40.5823, 90.0530



116.3430, -0.1691, 7.5922



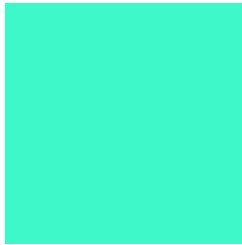
61.8690, -7.3304, 111.4939



19.9490, -2.4399, 36.0017

Previews

White Background



This preview shows how the YUV color 187.4410, 7.1776, -109.1348 looks on a white background.

Color Contrast Check

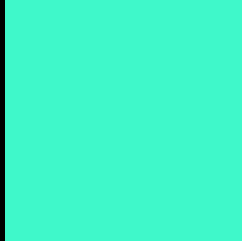
Large Text (above 18pt) WCAG AA × Fail

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 187.4410, 7.1776, -109.1348 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 187.4410, 7.1776, -109.1348

Background



This preview shows how black text looks on a background with the YUV color 187.4410, 7.1776, -109.1348.



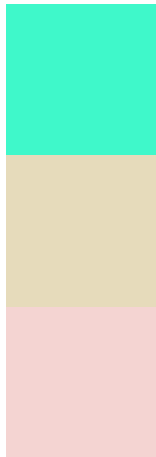
This preview shows how white text looks on a background with the YUV color 187.4410, 7.1776, -109.1348.

-109.1348.

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

187.4410, 7.1776, -109.1348

Protanopia

218.6410, -15.5990, 9.9618

Deuteranopia

221.3400, -5.5906, 19.8728



Tritanopia

204.3570, 24.9670, -74.8581

Trichromacy



Original Color

187.4410, 7.1776, -109.1348



Protanomaly

207.4290, -7.6065, -33.7022



Deuteranomaly

208.8950, -0.9342, -27.0949



Tritanomaly

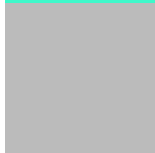
198.5590, 18.4584, -87.3132

Monochromacy



Original Color

187.4410, 7.1776, -109.1348



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.0290, 2.4507, -39.4904

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.4410, 7.1776, -109.1348 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(63, 248, 202)` looks like.

```
.text, #text, p{  
    color:rgb(63, 248, 202)  
}
```

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(63, 248, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 248, 202) }
```

Border

The CSS property to change the border of an element to YUV 187.4410, 7.1776, -109.1348 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(63, 248, 202) }
```


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

```
.border{ border-color:rgb(63, 248, 202) }
```

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

Here you see how a box with a 4 pixel rgb(63, 248, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 248, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 248, 202);  
box-shadow:4px 4px 4px 4px rgb(63, 248,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 187.4410, 7.1776, -109.1348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 248, 202) }
```

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

```
.background{ background-color: rgb(63, 248,  
202) }
```

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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