

Converting Colors

YUV(217.8710, 15.3466,
-69.1699)

Have a look what the booklet for
YUV(217.8710, 15.3466, -69.1699)
contains.

YUV(217.8710, 15.3466, -69.1699)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(217.8710, 15.3466,
-69.1699)**

Conversions

Conversions Part 1

Format	Color
Hex	8BFCF9
RGB	139, 252, 249
RGB Percent	55%, 99%, 98%
CMY	0.4549, 0.0118, 0.0235
CMYK	0.45, 0.00, 0.01, 0.01
HSL	178°, 95%, 77%
HSV	178°, 45%, 99%
XYZ	62.5567, 81.9493, 102.1432
YIQ	217.8710, -66.3850, -24.8890

Conversions

Conversions Part 2

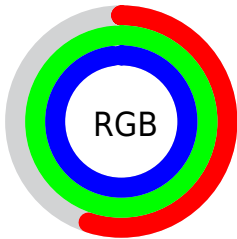
Format	Color
RYB	139, 196, 252
Decimal	9174265
CIELab	92.55, -32.97, -8.63
CIELCh	93, 34.082, 194.660
Yxy	81.9493, 0.2536, 0.3323
Android (android.graphics.Color)	4287364345 (0xFF8BFCF9)
YUV	217.8710, 15.3466, -69.1699
Hunter-Lab	90.5259, -35.0701, -3.5307

Details

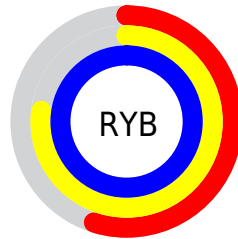
The YUV color **217.8710, 15.3466, -69.1699** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **173.1290, -15.3466, 69.1699**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9570, 8.4022, -35.0423**, and **159.7890, 16.3730, -71.7290** is the 20% darker color. If you saturate the color by 10%, you get **210.2820, 18.5950, -84.4393**, and if you desaturate by 10%, it is **225.4600, 12.0982, -53.9004**.

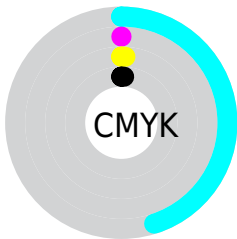
Distribution



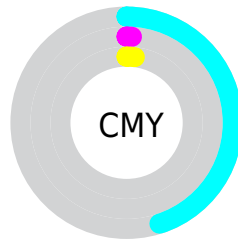
- Red (55%)
- Green (99%)
- Blue (98%)



- Red (55%)
- Yellow (77%)
- Blue (99%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (45%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8710, 15.3466, -69.1699 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 217.8710, 15.3466, -69.1699 by changing the saturation by 10% instead.

217.8710, 15.3466,
-69.1699

217.8710, 15.3466,
-69.1699

255.0000, 0.0000,
0.0000

188.5720, 15.4940,
-69.7846

237.9570, 8.4022,
-35.0423

159.7890, 16.3730,
-71.7290

246.9270, 3.9800,
-16.5990

130.0980, 17.6997,
-77.2619

98.6130, 19.9108,
-86.4836

80.5010, 16.5150,
-70.5994

62.9760, 12.8298,
-55.2300

46.2660, 9.7289,

-40.5753

■ 30.2570, 6.7753,
-26.5354

■ 12.7150, 5.5635,
-11.1511

■ 217.8710, 15.3466,
-69.1699

■ 217.8710, 15.3466,
-69.1699

■ 210.2820, 18.5950,
-84.4393

■ 225.4600, 12.0982,
-53.9004

■ 202.8070, 22.2801,
-99.8087

■ 232.9350, 8.4130,
-38.5310

■ 194.9190, 25.6759,
-115.6930

■ 240.8230, 5.0173,
-22.6468

■ 187.3300, 28.9243,
-130.9624

■ 248.4120, 1.7689,
-7.3773

■ 179.8550, 32.6095,
-146.3318

■ 252.8970, -0.4422,
1.8443

■ 175.8540, 34.0890,
-154.2240

■ 253.0110, -0.0054,
1.7444

■ 253.1250, 0.4314,
1.6444

■ 253.2390, 0.8682,
1.5444

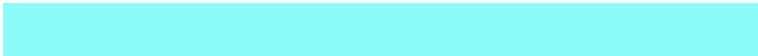
Harmonies

Analogous

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



221.7800, -3.3425, -48.0421



217.8710, 15.3466, -69.1699



216.4950, 18.9830, -68.8401

Triad

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



217.8710, 15.3466, -69.1699



234.4550, 10.1287, 18.0180



228.4010, -28.2987, 23.3273

Complementary

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



217.8710, 15.3466, -69.1699



173.1290, -15.3466, 69.1699

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.



224.5830, -17.5424, 26.6757



217.8710, 15.3466, -69.1699



228.8300, 11.4228, 22.9511

Square

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



217.8710, 15.3466, -69.1699



228.9520, 12.8417, -12.2359



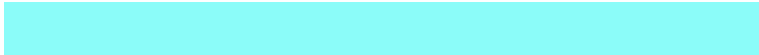
224.3670, -3.1389, 26.8651



230.5580, -29.8551, 9.1576

Rectangle

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



217.8710, 15.3466, -69.1699



219.5290, 17.4872, -55.7149



224.3670, -3.1389, 26.8651



226.5090, -25.3939, 24.9866

Sweetspot

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



217.8710, 15.3466, -69.1699



245.0190, 4.4276, -20.1877



206.5270, -33.2908, -55.7132



121.6070, 2.6587, -12.8103



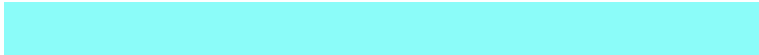
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.8710, 15.3466, -69.1699



213.2820, 18.5950, -84.4393



187.1020, 31.9947, -42.1855



121.1130, 1.9163, -7.9921



131.9190, 25.6759, -115.6930



42.6470, 8.5550, -37.4014

Inverse Universe

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



173.1290, -15.3466, 69.1699



158.7180, -18.5950, 84.4393



203.8980, -31.9947, 42.1855



116.0010, -1.4795, 7.8921



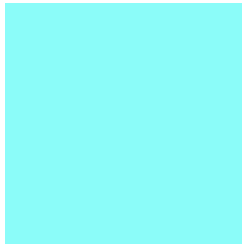
57.0810, -25.6759, 115.6930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 217.8710, 15.3466, -69.1699 looks on a white background.

Color Contrast Check

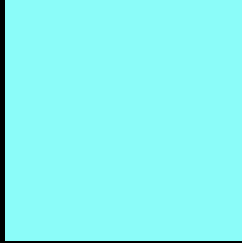
Large Text (above 18pt) WCAG AA × Fail

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 217.8710, 15.3466, -69.1699 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 217.8710, 15.3466, -69.1699

Background



This preview shows how black text looks on a background with the YUV color 217.8710, 15.3466, -69.1699.



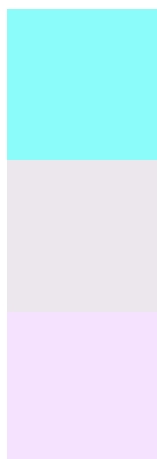
This preview shows how white text looks on a background with the YUV color 217.8710, 15.3466, -69.1699.

-69.1699.

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

217.8710, 15.3466, -69.1699

Protanopia

232.7660, 1.5944, 1.9592

Deuteranopia

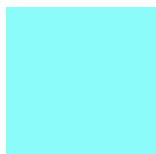
234.9870, 9.8664, 8.7814



Tritanopia

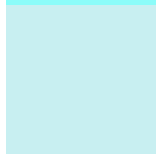
226.7380, 13.9332, -35.7272

Trichromacy



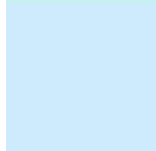
Original Color

217.8710, 15.3466, -69.1699



Protanomaly

227.5670, 6.6225, -24.1763



Deuteranomaly

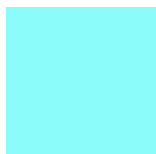
228.3810, 12.1372, -19.6281



Tritanomaly

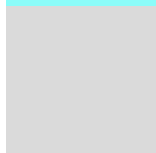
223.7750, 14.4079, -48.0377

Monochromacy



Original Color

217.8710, 15.3466, -69.1699



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.6270, 5.6069, -25.1059

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8710, 15.3466, -69.1699 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(139, 252, 249)` looks like.

```
.text, #text, p{  
    color:rgb(139, 252, 249)  
}
```

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(139, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 252, 249) }
```

Border

The CSS property to change the border of an element to YUV 217.8710, 15.3466, -69.1699 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(139, 252, 249) }
```


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

```
.border{ border-color:rgb(139, 252, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 252, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(139, 252,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 217.8710, 15.3466, -69.1699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 252, 249) }
```

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

```
.background{ background-color: rgb(139,  
252, 249) }
```

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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