

Converting Colors

YUV(178.3390, 22.0179,
-109.0453)

Have a look what the booklet for
YUV(178.3390, 22.0179, -109.0453)
contains.

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Color

**YUV(178.3390, 22.0179,
-109.0453)**

Conversions

Conversions Part 1

Format	Color
Hex	36E9DF
RGB	54, 233, 223
RGB Percent	21%, 91%, 87%
CMY	0.7882, 0.0863, 0.1255
CMYK	0.77, 0.00, 0.04, 0.09
HSL	177°, 80%, 56%
HSV	177°, 77%, 91%
XYZ	43.9795, 64.3898, 79.9226
YIQ	178.3390, -103.4740, -41.0580

Conversions

Conversions Part 2

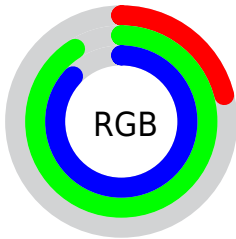
Format	Color
RYB	54, 146, 233
Decimal	3598815
CIELab	84.17, -45.03, -7.71
CIELCh	84, 45.685, 189.714
Yxy	64.3898, 0.2336, 0.3420
Android (android.graphics.Color)	4281788895 (0xFF36E9DF)
YUV	178.3390, 22.0179, -109.0453
Hunter-Lab	80.2433, -42.5939, -2.8828




Details

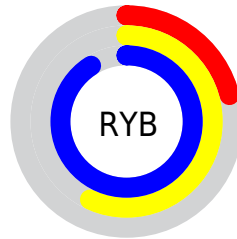
The YUV color **178.3390, 22.0179, -109.0453** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **108.6610, -22.0179, 109.0453**, and the grayscale version is **178.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **217.6250, 18.4259, -76.8471**, and **122.4640, 22.4492, -107.4009** is the 20% darker color. If you saturate the color by 10%, you get **171.3480, 24.9714, -123.0852**, and if you desaturate by 10%, it is **185.3300, 19.0643, -95.0054**.

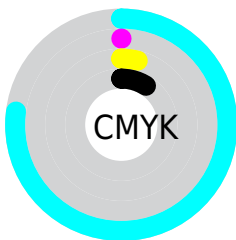
Distribution







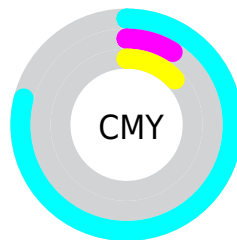
-  Red (21%)
-  Green (91%)
-  Blue (87%)






-  Red (21%)
-  Yellow (57%)
-  Blue (91%)



-  Cyan (77%)
-  Magenta (0%)
-  Yellow (4%)
-  Black (9%)



-  Cyan (79%)
-  Magenta (9%)
-  Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.3390, 22.0179, -109.0453 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 178.3390, 22.0179, -109.0453 by changing the saturation by 10% instead.

178.3390, 22.0179,
-109.0453

178.3390, 22.0179,
-109.0453

255.0000, 0.0000,
0.0000

141.9780, 26.1398,
-124.5147

217.6250, 18.4259,
-76.8471

122.4640, 22.4492,
-107.4009

227.4920, 13.5614,
-56.5595

103.6510, 18.9061,
-90.9019

237.0600, 8.8444,
-36.8866

85.4250, 15.0735,
-74.9177

246.3290, 4.2748,
-17.8285

67.4270, 12.1145,
-59.1335

50.0160, 8.8661,
-43.8640

34.0070, 5.9125,

-29.8241

■ 17.0520, 4.4114,
-14.9546

■ 0.0000, 0.0000,
0.0000

■ 178.3390, 22.0179,
-109.0453

■ 178.3390, 22.0179,
-109.0453

■ 171.3480, 24.9714,
-123.0852

■ 185.3300, 19.0643,
-95.0054

■ 163.9440, 27.6356,
-137.6399

■ 192.7340, 16.4001,
-80.4507

■ 161.8510, 28.6675,
-141.9433

■ 199.7250, 13.4466,
-66.4108

■ 206.7160, 10.4930,
-52.3709

■ 214.1200, 7.8288,
-37.8162

■ 221.1110, 4.8753,
-23.7763

■ 228.1020, 1.9217,
-9.7365

■ 235.0930, -1.0318,
4.3034

■ 239.8060, -2.3694,
13.3251

Harmonies

Analogous

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



192.7800, -6.7935, -61.1971



178.3390, 22.0179, -109.0453



164.0800, 44.8236, -143.8982

Triad

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



178.3390, 22.0179, -109.0453



212.6150, 20.8958, 17.8776



206.7040, -37.8151, 42.3556

Complementary

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



178.3390, 22.0179, -109.0453



108.6610, -22.0179, 109.0453

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.



201.5640, -21.9701, 46.8634



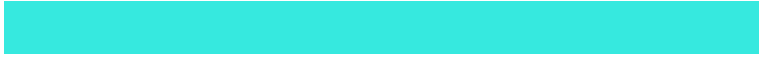
178.3390, 22.0179, -109.0453



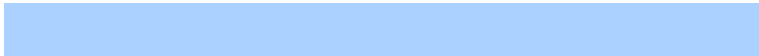
209.3790, 15.5892, 40.0096

Square

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



178.3390, 22.0179, -109.0453



202.5830, 25.8416, -28.5753



202.0150, -2.4724, 46.4678



205.5560, -40.2071, 16.1754

Rectangle

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



178.3390, 22.0179, -109.0453



179.6720, 37.1367, -104.9523



202.0150, -2.4724, 46.4678



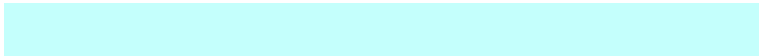
204.5670, -33.3105, 44.2297

Sweetspot

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



178.3390, 22.0179, -109.0453



237.0170, 7.3866, -35.9719



162.6610, -53.5699, -84.7717



117.0080, 4.4331, -21.9320



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.



178.3390, 22.0179, -109.0453



183.2530, 28.9623, -143.1729



133.6930, 48.9584, -69.8908



113.7110, 1.6215, -6.7625



125.7410, 22.3127, -110.2749



37.5120, 6.6496, -32.8980

Inverse Universe

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



108.6610, -22.0179, 109.0453



91.8610, -28.5255, 143.0729



153.3070, -48.9584, 69.8908



109.2890, -1.6215, 6.7625



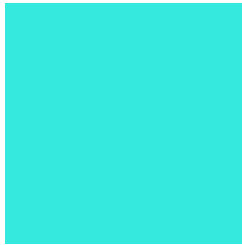
55.2590, -22.3127, 110.2749



16.4880, -6.6496, 32.8980

Previews

White Background



This preview shows how the YUV color 178.3390, 22.0179, -109.0453 looks on a white background.

Color Contrast Check

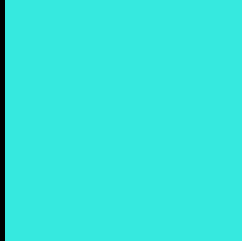
Large Text (above 18pt) WCAG AA × Fail

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 178.3390, 22.0179, -109.0453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

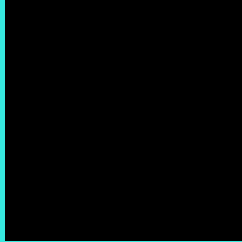
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

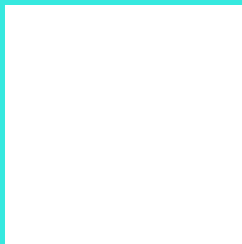
Any Text WCAG AAA ✓ Pass

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

YUV 178.3390, 22.0179, -109.0453 Background



This preview shows how black text looks on a background with the YUV color 178.3390, 22.0179, -109.0453.



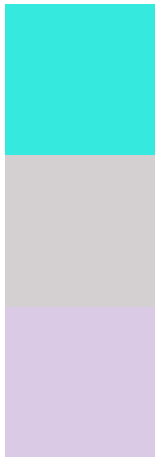
This preview shows how white text looks on a background with the YUV color 178.3390, 22.0179, -109.0453.

-109.0453.

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

178.3390, 22.0179, -109.0453

Protanopia

208.6090, -0.3002, 2.9739

Deuteranopia

209.9760, 9.8718, 7.0370



Tritanopia

184.2230, 31.4421, -98.4196

Trichromacy



Original Color

178.3390, 22.0179, -109.0453



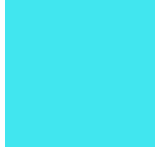
Protanomaly

197.4190, 7.6814, -37.2015



Deuteranomaly

198.1510, 14.2226, -35.2124



Tritanomaly

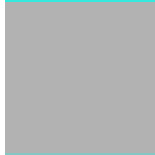
181.6910, 28.2533, -102.3380

Monochromacy



Original Color

178.3390, 22.0179, -109.0453



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.1090, 7.8343, -39.5606

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.3390, 22.0179, -109.0453 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(54, 233, 223)` looks like.

```
.text, #text, p{  
    color:rgb(54, 233, 223)  
}
```

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(54, 233, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 233, 223) }
```

Border

The CSS property to change the border of an element to YUV 178.3390, 22.0179, -109.0453 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(54, 233, 223) }
```


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

```
.border{ border-color:rgb(54, 233, 223) }
```

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

Here you see how a box with a 4 pixel rgb(54, 233, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 233, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 233, 223);  
box-shadow:4px 4px 4px 4px rgb(54, 233,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 178.3390, 22.0179, -109.0453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 233, 223) }
```

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

```
.background{ background-color: rgb(54, 233,  
223) }
```

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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