

Converting Colors

YUV(196.3640, 21.0195,
-68.7252)

Have a look what the booklet for
YUV(196.3640, 21.0195, -68.7252)
contains.

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Color

**YUV(196.3640, 21.0195,
-68.7252)**

Conversions

Conversions Part 1

Format	Color
Hex	76E4EF
RGB	118, 228, 239
RGB Percent	46%, 89%, 94%
CMY	0.5373, 0.1059, 0.0627
CMYK	0.51, 0.05, 0.00, 0.06
HSL	185°, 79%, 70%
HSV	185°, 51%, 94%
XYZ	50.7946, 65.5704, 91.6405
YIQ	196.3640, -69.0910, -19.8990

Conversions

Conversions Part 2

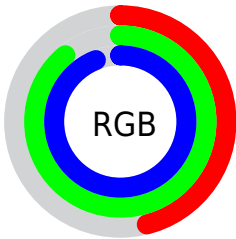
Format	Color
R _Y B	118, 176, 239
Decimal	7791855
CIE Lab	84.78, -28.63, -15.08
CIE LCh	85, 32.356, 207.774
Yxy	65.5704, 0.2442, 0.3152
Android (android.graphics.Color)	4285981935 (0xFF76E4EF)
YUV	196.3640, 21.0195, -68.7252
Hunter-Lab	80.9755, -29.7371, -10.4160

Details

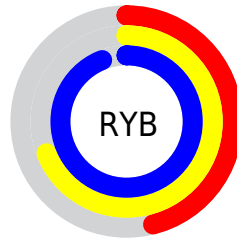
The YUV color **196.3640, 21.0195, -68.7252** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **160.6360, -21.0195, 68.7252**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.9770, 11.3503, -47.3378**, and **137.6730, 22.3462, -74.2582** is the 20% darker color. If you saturate the color by 10%, you get **188.0140, 25.1361, -82.4503**, and if you desaturate by 10%, it is **204.7140, 16.9030, -55.0002**.

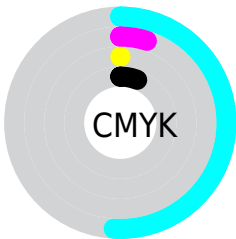
Distribution



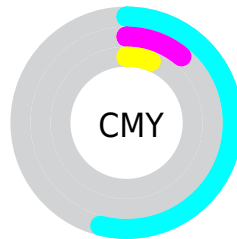
- Red (46%)
- Green (89%)
- Blue (94%)



- Red (46%)
- Yellow (69%)
- Blue (94%)



- Cyan (51%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (54%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.3640, 21.0195, -68.7252 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 196.3640, 21.0195, -68.7252 by changing the saturation by 10% instead.

196.3640, 21.0195,
-68.7252

196.3640, 21.0195,
-68.7252

255.0000, 0.0000,
0.0000

167.4670, 21.4618,
-70.5696

231.9770, 11.3503,
-47.3378

137.6730, 22.3462,
-74.2582

240.6480, 7.0755,
-29.5093

102.8990, 26.1788,
-90.2424

249.9170, 2.5059,
-10.4512

84.6730, 22.3462,
-74.2582

67.1480, 18.6610,
-58.8888

50.3240, 15.1233,
-44.1341

34.2010, 11.7329,

-29.9943

■ 19.9530, 7.9112,
-17.4988

■ 2.1830, 5.8258,
-1.9145

■ 196.3640, 21.0195,
-68.7252

■ 196.3640, 21.0195,
-68.7252

■ 188.0140, 25.1361,
-82.4503

■ 204.7140, 16.9030,
-55.0002

■ 179.6640, 29.2526,
-96.1753

■ 213.0640, 12.7864,
-41.2751

■ 170.7270, 33.6586,
-109.3856

■ 222.0010, 8.3805,
-28.0649

■ 162.3770, 37.7751,
-123.1106

■ 230.3510, 4.2640,
-14.3398

■ 154.6250, 41.5969,
-135.6061

■ 238.4020, 0.2948,
-1.2296

■ 244.9580, -2.9373,
8.8068

■ 246.1320, -3.5161,
7.7772

■ 247.3060, -4.0949,
6.7476

■ 249.0670, -4.9630,
5.2032

Harmonies

Analogous

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



198.7990, 4.5361, -55.0747



196.3640, 21.0195, -68.7252



199.1400, 27.5390, -59.7588

Triad

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



196.3640, 21.0195, -68.7252



216.8460, 13.8799, 28.1991



210.4610, -29.3143, 22.3977

Complementary

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



196.3640, 21.0195, -68.7252



160.6360, -21.0195, 68.7252

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.



211.4120, -24.8531, 38.2267



196.3640, 21.0195, -68.7252



211.6980, 1.6279, 37.9759

Square

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



196.3640, 21.0195, -68.7252



213.0920, 20.6606, -0.0807



209.4520, -12.0548, 39.9456



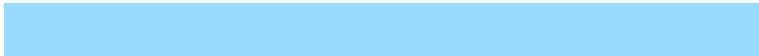
206.8600, -24.5810, -2.5082

Rectangle

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



196.3640, 21.0195, -68.7252



203.3810, 25.4482, -42.4301



209.4520, -12.0548, 39.9456



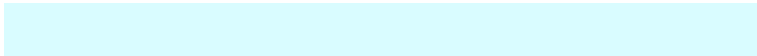
210.9180, -29.0466, 29.8899

Sweetspot

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



196.3640, 21.0195, -68.7252



241.8770, 6.4696, -21.8171



190.1670, -30.6483, -63.2905



119.3620, 4.2585, -12.5955



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.



196.3640, 21.0195, -68.7252



200.1380, 27.0470, -88.6980



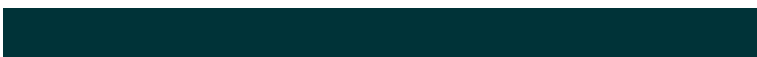
161.1440, 38.3830, -37.8373



115.8250, 2.0583, -6.8625



119.0050, 32.0425, -104.3674



36.3210, 9.7017, -31.8535

Inverse Universe

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



166.7190, 30.2115, 63.3904



161.8320, 39.0298, 81.7083



195.8560, -38.3830, 37.8373



112.8420, 3.0359, 6.2776



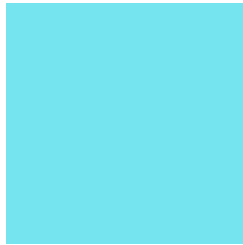
74.0540, 45.8224, 96.4226



22.5580, 14.0219, 29.3286

Previews

White Background



This preview shows how the YUV color 196.3640, 21.0195, -68.7252 looks on a white background.

Color Contrast Check

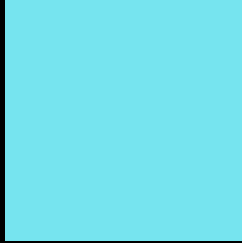
Large Text (above 18pt) WCAG AA × Fail

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 196.3640, 21.0195, -68.7252 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 196.3640, 21.0195, -68.7252

Background



This preview shows how black text looks on a background with the YUV color 196.3640, 21.0195, -68.7252.

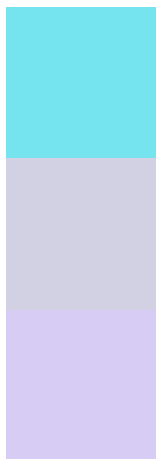


This preview shows how white text looks on a background with the YUV color 196.3640, 21.0195, -68.7252.

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

196.3640, 21.0195, -68.7252

Protanopia

211.0520, 7.8624, -1.7996

Deuteranopia

212.4360, 15.5611, 2.2486



Tritanopia

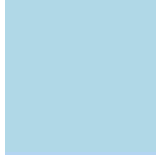
197.0590, 23.6349, -67.5807

Trichromacy



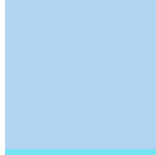
Original Color

196.3640, 21.0195, -68.7252



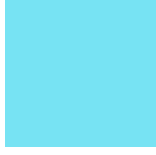
Protanomaly

205.7500, 12.4482, -26.0907



Deuteranomaly

206.4390, 17.5316, -23.1870



Tritanomaly

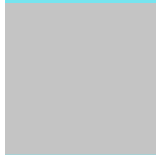
196.5320, 22.9087, -67.9956

Monochromacy



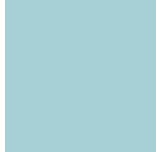
Original Color

196.3640, 21.0195, -68.7252



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.4960, 7.6435, -24.9910

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3640, 21.0195, -68.7252 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(118, 228, 239)` looks like.

```
.text, #text, p{  
    color:rgb(118, 228, 239)  
}
```

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(118, 228, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 228, 239) }
```

Border

The CSS property to change the border of an element to YUV 196.3640, 21.0195, -68.7252 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(118, 228, 239) }
```


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

```
.border{ border-color:rgb(118, 228, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 228, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 228, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 228, 239); box-shadow:4px 4px 4px 4px rgb(118, 228, 239) }
```

Background

The CSS property to change the background color of an element to YUV 196.3640, 21.0195, -68.7252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 228, 239) }
```

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

```
.background{ background-color: rgb(118,  
228, 239) }
```

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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