

Converting Colors

YUV(196.0960, 24.1097,
-79.8912)

Have a look what the booklet for
YUV(196.0960, 24.1097, -79.8912)
contains.

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Color

**YUV(196.0960, 24.1097,
-79.8912)**

Conversions

Conversions Part 1

Format	Color
Hex	69E9F5
RGB	105, 233, 245
RGB Percent	41%, 91%, 96%
CMY	0.5882, 0.0863, 0.0392
CMYK	0.57, 0.05, 0.00, 0.04
HSL	185°, 88%, 69%
HSV	185°, 57%, 96%
XYZ	51.4460, 67.8737, 96.7756
YIQ	196.0960, -80.1400, -23.4040

Conversions

Conversions Part 2

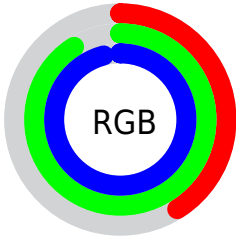
Format	Color
RYB	105, 172, 245
Decimal	6941173
CIELab	85.94, -31.93, -16.53
CIELCh	86, 35.954, 207.371
Yxy	67.8737, 0.2381, 0.3141
Android (android.graphics.Color)	4285131253 (0xFF69E9F5)
YUV	196.0960, 24.1097, -79.8912
Hunter-Lab	82.3855, -32.7093, -11.9763

Details

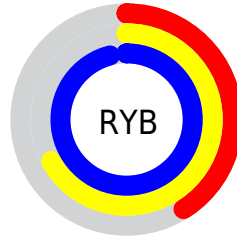
The YUV color **196.0960, 24.1097, -79.8912** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **153.9040, -24.1097, 79.8912**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6880, 12.9718, -54.1004**, and **132.3220, 27.9423, -95.8754** is the 20% darker color. If you saturate the color by 10%, you get **187.4470, 28.3736, -94.2310**, and if you desaturate by 10%, it is **204.7450, 19.8457, -65.5514**.

Distribution



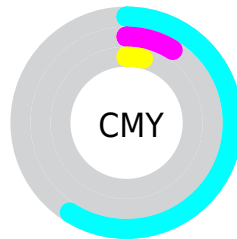
- Red (41%)
- Green (91%)
- Blue (96%)



- Red (41%)
- Yellow (67%)
- Blue (96%)



- Cyan (57%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (59%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.0960, 24.1097, -79.8912 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 196.0960, 24.1097, -79.8912 by changing the saturation by 10% instead.

196.0960, 24.1097,
-79.8912

196.0960, 24.1097,
-79.8912

255.0000, 0.0000,
0.0000

166.3020, 24.9941,
-83.5799

228.6880, 12.9718,
-54.1004

132.3220, 27.9423,
-95.8754

237.9570, 8.4022,
-35.0423

106.5180, 27.3526,
-93.4163

246.9270, 3.9800,
-16.5990

88.2920, 23.5200,
-77.4321

70.0660, 19.6875,
-61.4479

53.2420, 16.1497,
-46.6932

37.1190, 12.7593,

-32.5534

■ 22.2840, 9.2270,
-19.5431

■ 2.8670, 8.4466,
-2.5144

■ 196.0960, 24.1097,
-79.8912

■ 196.0960, 24.1097,
-79.8912

■ 187.4470, 28.3736,
-94.2310

■ 204.7450, 19.8457,
-65.5514

■ 179.0970, 32.4902,
-107.9561

■ 213.0950, 15.7292,
-51.8263

■ 170.4480, 36.7541,
-122.2959

■ 221.4450, 11.6126,
-38.1013

■ 162.0980, 40.8707,
-136.0209

■ 230.0940, 7.3487,
-23.7614

■ 159.4180, 42.1919,
-139.8096

■ 239.0310, 2.9427,
-10.5512

■ 247.6800, -1.3212,
3.7886

■ 249.7510, -2.3422,
4.6034

■ 250.9250, -2.9210,
3.5738

■ 252.0990, -3.4998,
2.5442

Harmonies

Analogous

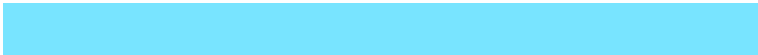
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.6840, 5.5788, -62.8669



196.0960, 24.1097, -79.8912



198.7860, 27.7135, -69.0953

Triad

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



196.0960, 24.1097, -79.8912



220.0250, 15.7637, 30.6731



213.5600, -32.8141, 24.9419

Complementary

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



196.0960, 24.1097, -79.8912



153.9040, -24.1097, 79.8912

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.



211.7710, -26.0161, 37.9118



196.0960, 24.1097, -79.8912



212.7410, 3.0857, 37.0611

Square

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



196.0960, 24.1097, -79.8912



215.1630, 19.6396, 0.7340



210.0390, -12.3442, 39.4308



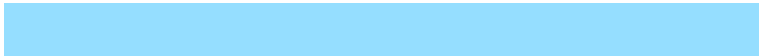
209.4640, -27.3438, -3.0379

Rectangle

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



196.0960, 24.1097, -79.8912



203.9350, 25.1750, -48.1780



210.0390, -12.3442, 39.4308



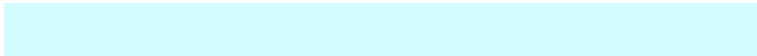
214.4300, -32.2570, 32.9489

Sweetspot

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



196.0960, 24.1097, -79.8912



239.7950, 7.4961, -24.3762



188.5480, -35.2732, -73.2716



118.4650, 4.7008, -14.4398



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.



196.0960, 24.1097, -79.8912



193.5710, 30.2845, -100.4788



155.0060, 44.3670, -43.8553



117.8250, 2.0583, -6.8625



120.9940, 32.0480, -106.1117



38.4240, 10.1440, -33.6978

Inverse Universe

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



161.4520, 35.2732, 73.2716



149.9780, 44.3808, 92.1043



194.9940, -44.3670, 43.8553



114.8420, 3.0359, 6.2776



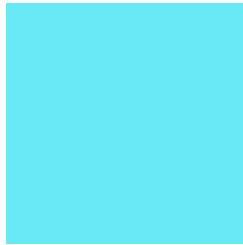
74.9940, 46.8380, 97.3523



23.7970, 14.8901, 30.8730

Previews

White Background



This preview shows how the YUV color 196.0960, 24.1097, -79.8912 looks on a white background.

Color Contrast Check

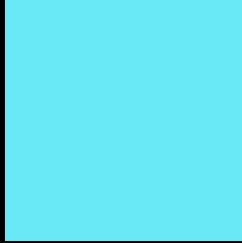
Large Text (above 18pt) WCAG AA × Fail

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 196.0960, 24.1097, -79.8912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

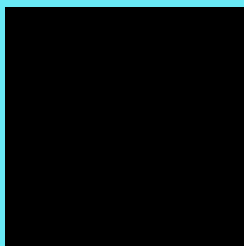
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

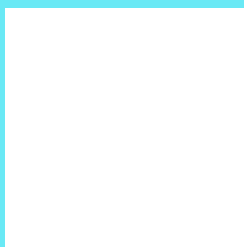
Any Text WCAG AAA ✓ Pass

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

YUV 196.0960, 24.1097, -79.8912 Background



This preview shows how black text looks on a background with the YUV color 196.0960, 24.1097, -79.8912.



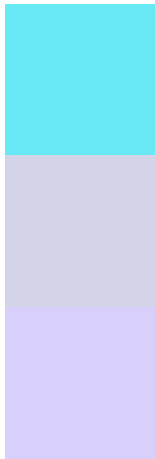
This preview shows how white text looks on a background with the YUV color 196.0960, 24.1097, -79.8912.

-79.8912.

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

196.0960, 24.1097, -79.8912

Protanopia

214.2800, 8.7360, -1.9996

Deuteranopia

215.1800, 17.1663, 0.7191



Tritanopia

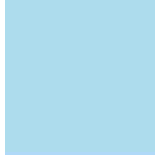
196.7910, 26.7250, -78.7467

Trichromacy



Original Color

196.0960, 24.1097, -79.8912



Protanomaly

207.8850, 14.3537, -30.5941



Deuteranomaly

208.2750, 19.5844, -28.3052



Tritanomaly

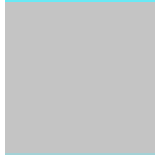
196.2640, 25.9988, -79.1615

Monochromacy



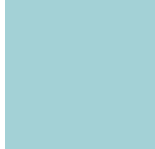
Original Color

196.0960, 24.1097, -79.8912



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.8160, 8.9647, -28.7796

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.0960, 24.1097, -79.8912 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(105, 233, 245)` looks like.

```
.text, #text, p{  
    color:rgb(105, 233, 245)  
}
```

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(105, 233, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 233, 245) }
```

Border

The CSS property to change the border of an element to YUV 196.0960, 24.1097, -79.8912 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(105, 233, 245) }
```


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

```
.border{ border-color:rgb(105, 233, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 233, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 233, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 233, 245);  
box-shadow:4px 4px 4px 4px rgb(105, 233,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 196.0960, 24.1097, -79.8912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 233, 245) }
```

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

```
.background{ background-color: rgb(105,  
233, 245) }
```

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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