

Converting Colors

YUV(187.3990, 24.4533,
-96.8199)

Have a look what the booklet for
YUV(187.3990, 24.4533, -96.8199)
contains.

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Color

**YUV(187.3990, 24.4533,
-96.8199)**

Conversions

Conversions Part 1

Format	Color
Hex	4DEAED
RGB	77, 234, 237
RGB Percent	30%, 92%, 93%
CMY	0.6980, 0.0824, 0.0706
CMYK	0.68, 0.01, 0.00, 0.07
HSL	181°, 82%, 62%
HSV	181°, 68%, 93%
XYZ	47.7694, 66.5378, 90.4461
YIQ	187.3990, -94.5350, -32.3510

Conversions

Conversions Part 2

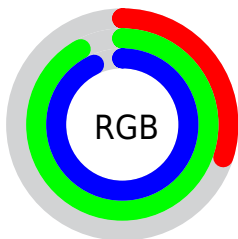
Format	Color
RYB	77, 156, 237
Decimal	5106413
CIELab	85.27, -38.98, -13.40
CIELCh	85, 41.215, 198.978
Yxy	66.5378, 0.2333, 0.3250
Android (android.graphics.Color)	4283296493 (0xFF4DEAED)
YUV	187.3990, 24.4533, -96.8199
Hunter-Lab	81.5707, -38.2156, -8.6416

Details

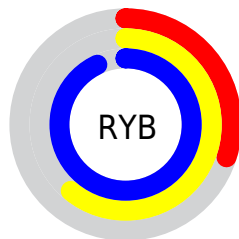
The YUV color **187.3990, 24.4533, -96.8199** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **126.6010, -24.4533, 96.8199**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4090, 16.0674, -67.0107**, and **125.1200, 27.5488, -109.7302** is the 20% darker color. If you saturate the color by 10%, you get **180.2230, 27.9911, -111.5746**, and if you desaturate by 10%, it is **194.5750, 20.9155, -82.0653**.

Distribution



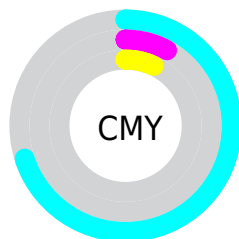
- Red (30%)
- Green (92%)
- Blue (93%)



- Red (30%)
- Yellow (61%)
- Blue (93%)



- Cyan (68%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (70%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.3990, 24.4533, -96.8199 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 187.3990, 24.4533, -96.8199 by changing the saturation by 10% instead.

187.3990, 24.4533,
-96.8199

187.3990, 24.4533,
-96.8199

255.0000, 0.0000,
0.0000

151.9350, 28.1330,
-110.4450

222.4090, 16.0674,
-67.0107

125.1200, 27.5488,
-109.7302

231.6780, 11.4977,
-47.9526

105.6060, 23.8582,
-92.6165

240.9470, 6.9281,
-28.8945

87.3800, 20.0257,
-76.6323

250.5150, 2.2111,
-9.2217

69.8550, 16.3405,
-61.2628

52.4440, 13.0921,
-45.9934

35.8480, 10.4279,

-31.4387

■ 20.4260, 7.1850,
-17.9136

■ 2.0690, 5.3890,
-1.8145

■ 187.3990, 24.4533,
-96.8199

■ 187.3990, 24.4533,
-96.8199

■ 180.2230, 27.9911,
-111.5746

■ 194.5750, 20.9155,
-82.0653

■ 172.7590, 31.6708,
-125.1996

■ 202.0390, 17.2358,
-68.4402

■ 165.5830, 35.2086,
-139.9543

■ 209.2150, 13.6980,
-53.6856

■ 163.7890, 36.0930,
-143.6430

■ 216.9780, 9.8708,
-39.4457

■ 223.8550, 6.4805,
-25.3058

■ 231.6180, 2.6533,
-11.0660

■ 238.7940, -0.8844,
3.6887

■ 242.9690, -2.9427,
10.5512

Harmonies

Analogous

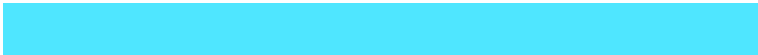
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195.7070, 0.6374, -64.6410



187.3990, 24.4533, -96.8199



187.7010, 33.1784, -95.3308

Triad

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



187.3990, 24.4533, -96.8199



217.1000, 18.6847, 27.0993



211.8880, -36.9198, 35.1782

Complementary

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



187.3990, 24.4533, -96.8199



126.6010, -24.4533, 96.8199

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.



207.3200, -25.3008, 41.8154



187.3990, 24.4533, -96.8199



210.9460, 8.9006, 38.6354

Square

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



187.3990, 24.4533, -96.8199



210.0690, 22.1510, -11.4615



205.9130, -7.8451, 43.0493



207.6840, -34.3542, 5.5391

Rectangle

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



187.3990, 24.4533, -96.8199



195.2310, 29.4661, -71.2396



205.9130, -7.8451, 43.0493



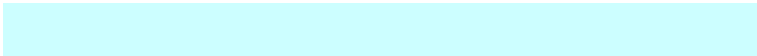
210.3060, -34.1679, 39.1966

Sweetspot

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



187.3990, 24.4533, -96.8199



239.1640, 7.8071, -30.8388



171.2620, -44.9922, -82.6678



118.1440, 4.8590, -18.5433



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.



187.3990, 24.4533, -96.8199



190.7590, 31.6708, -125.1996



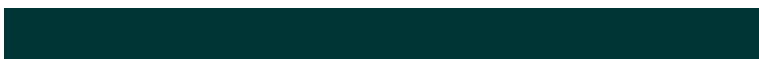
140.4390, 47.6046, -55.6360



113.7110, 1.6215, -6.7625



125.1200, 27.5488, -109.7302



37.2670, 8.2494, -32.6832

Inverse Universe

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



142.7380, 44.9922, 82.6678



133.0350, 58.1567, 106.9633



173.5610, -47.6046, 55.6360



110.5430, 3.1833, 5.6628



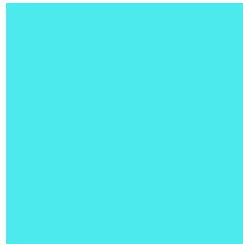
74.4110, 51.0694, 93.4786



22.1880, 15.1903, 27.8991

Previews

White Background



This preview shows how the YUV color 187.3990, 24.4533, -96.8199 looks on a white background.

Color Contrast Check

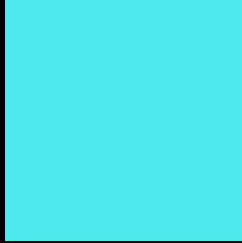
Large Text (above 18pt) WCAG AA × Fail

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 187.3990, 24.4533, -96.8199 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 187.3990, 24.4533, -96.8199

Background



This preview shows how black text looks on a background with the YUV color 187.3990, 24.4533, -96.8199.

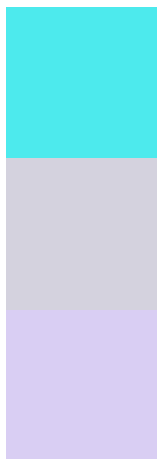


This preview shows how white text looks on a background with the YUV color 187.3990, 24.4533, -96.8199.

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

187.3990, 24.4533, -96.8199

Protanopia

211.9660, 4.9468, 0.0298

Deuteranopia

213.5070, 14.5400, 3.0634



Tritanopia

190.2130, 29.9680, -92.2718

Trichromacy



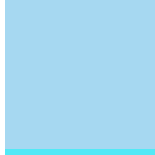
Original Color

187.3990, 24.4533, -96.8199



Protanomaly

203.1680, 11.7492, -35.2273



Deuteranomaly

203.9000, 18.2903, -33.2383



Tritanomaly

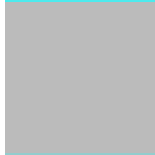
189.3330, 27.9368, -94.1310

Monochromacy



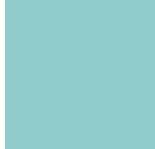
Original Color

187.3990, 24.4533, -96.8199



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.0710, 8.8390, -35.1423

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.3990, 24.4533, -96.8199 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(77, 234, 237)` looks like.

```
.text, #text, p{  
    color:rgb(77, 234, 237)  
}
```

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(77, 234, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 234, 237) }
```

Border

The CSS property to change the border of an element to YUV 187.3990, 24.4533, -96.8199 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(77, 234, 237) }
```


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

```
.border{ border-color:rgb(77, 234, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 234, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 234, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 234, 237);  
box-shadow:4px 4px 4px 4px rgb(77, 234,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 187.3990, 24.4533, -96.8199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 234, 237) }
```

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

```
.background{ background-color: rgb(77, 234,  
237) }
```

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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