

Converting Colors

YUV(177.4350, -7.1165,
-97.7285)

Have a look what the booklet for
YUV(177.4350, -7.1165, -97.7285)
contains.

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Color

**YUV(177.4350, -7.1165,
-97.7285)**

Conversions

Conversions Part 1

Format	Color
Hex	42EDA3
RGB	66, 237, 163
RGB Percent	26%, 93%, 64%
CMY	0.7412, 0.0706, 0.3608
CMYK	0.72, 0.00, 0.31, 0.07
HSL	154°, 83%, 59%
HSV	154°, 72%, 93%
XYZ	39.1418, 64.3710, 45.0122
YIQ	177.4350, -78.1620, -59.2660

Conversions

Conversions Part 2

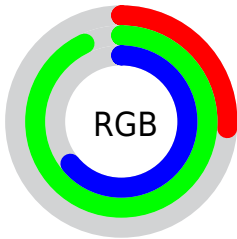
Format	Color
RYB	66, 175, 237
Decimal	4386211
CIELab	84.16, -59.72, 23.70
CIELCh	84, 64.253, 158.356
Yxy	64.3710, 0.2635, 0.4334
Android (android.graphics.Color)	4282576291 (0xFF42EDA3)
YUV	177.4350, -7.1165, -97.7285
Hunter-Lab	80.2315, -53.3220, 22.8987

Details

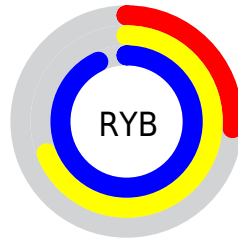
The YUV color **177.4350, -7.1165, -97.7285** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **125.5650, 7.1165, 97.7285**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9020, 1.5273, -70.0741**, and **118.3140, -3.6058, -103.7614** is the 20% darker color. If you saturate the color by 10%, you get **169.1190, -7.9467, -111.4834**, and if you desaturate by 10%, it is **185.7510, -6.2862, -83.9736**.

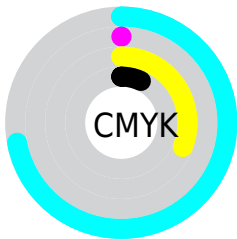
Distribution



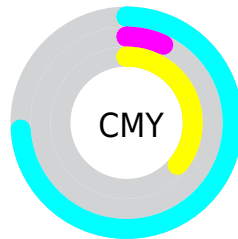
- Red (26%)
- Green (93%)
- Blue (64%)



- Red (26%)
- Yellow (69%)
- Blue (93%)



- Cyan (72%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)



- Cyan (74%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.4350, -7.1165, -97.7285 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 177.4350, -7.1165, -97.7285 by changing the saturation by 10% instead.

177.4350, -7.1165,
-97.7285

177.4350, -7.1165,
-97.7285

255.0000, 0.0000,
0.0000

137.7140, -0.3520,
-120.7752

214.9020, 1.5273,
-70.0741

118.3140, -3.6058,
-103.7614

227.7760, 9.4774,
-53.3006

99.0280, -6.4228,
-86.8476

237.9570, 8.4022,
-35.0423

80.4430, -9.0924,
-70.5485

247.2260, 3.8326,
-15.9842

62.5590, -11.6146,
-54.8642

45.3760, -13.9894,
-39.7948

29.9370, -14.7589,

-26.2547

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 177.4350, -7.1165,
-97.7285

■ 177.4350, -7.1165,
-97.7285

■ 169.1190, -7.9467,
-111.4834

■ 185.7510, -6.2862,
-83.9736


■ 160.9880, -9.3611,
-124.5235

■ 193.8820, -4.8718,
-70.9335

■ 154.3950,
-10.0547, -135.4044

■ 202.1980, -4.0416,
-57.1786


■ 210.5140, -3.2114,
-43.4238

 218.5310, -2.2338,
-30.2837

 226.9610, -0.9668,
-16.6288

 235.2770, -0.1366,
-2.8739

 243.2940, 0.8411,
10.2662

 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



195.4120, -42.1081, -27.5483



177.4350, -7.1165, -97.7285



166.6440, 29.2625, -146.1468

Triad

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



177.4350, -7.1165, -97.7285



192.3950, 30.8643, -52.9664



191.1800, -26.2177, 55.9701

Complementary

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



177.4350, -7.1165, -97.7285



125.5650, 7.1165, 97.7285

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.



190.6340, 2.1524, 56.4490



177.4350, -7.1165, -97.7285



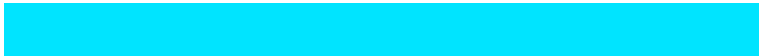
209.4030, 22.4793, 23.3256

Square

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



177.4350, -7.1165, -97.7285



162.9060, 45.4023, -142.8686



202.1700, 26.0452, 46.3319



199.3060, -50.9299, 48.8436

Rectangle

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



177.4350, -7.1165, -97.7285



169.3630, 42.2190, -148.5314



202.1700, 26.0452, 46.3319



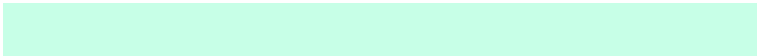
189.7100, -16.6190, 57.2593

Sweetspot

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



177.4350, -7.1165, -97.7285



235.5200, -2.2284, -32.0280



188.5030, -60.3940, -42.5371



116.1240, -1.5401, -19.4027



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.



177.4350, -7.1165, -97.7285



177.6780, -9.2083, -126.8826



179.4140, 28.3899, -99.4641



113.1410, -0.5625, -6.2627



117.9890, -7.3896, -103.4764



35.1180, -2.5232, -30.7985

Inverse Universe

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



125.5650, 7.1165, 97.7285



110.3220, 9.2083, 126.8826



123.5860, -28.3899, 99.4641



109.8590, 0.5625, 6.2627



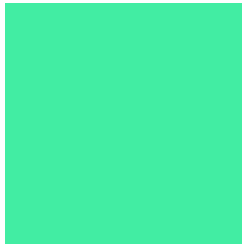
63.0110, 7.3896, 103.4764



18.7680, 2.0864, 30.8985

Previews

White Background



This preview shows how the YUV color 177.4350, -7.1165, -97.7285 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 177.4350, -7.1165, -97.7285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

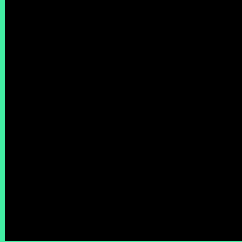
Any Text WCAG AA ✓ Pass

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 177.4350, -7.1165, -97.7285 Background



This preview shows how black text looks on a background with the YUV color 177.4350, -7.1165, -97.7285.

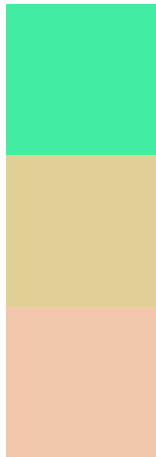


This preview shows how white text looks on a background with the YUV color 177.4350, -7.1165,

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

177.4350, -7.1165, -97.7285

Protanopia

206.1720, -27.6928, 15.6352

Deuteranopia

208.9530, -18.7108, 28.1052



Tritanopia

191.3780, 26.4356, -79.2615

Trichromacy



Original Color

177.4350, -7.1165, -97.7285



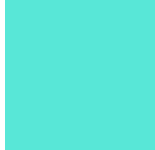
Protanomaly

196.1560, -20.2899, -25.5698



Deuteranomaly

197.1060, -14.3493, -17.6330



Tritanomaly

186.4190, 14.0904, -86.3135

Monochromacy



Original Color

177.4350, -7.1165, -97.7285



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

177.3840, -2.6543, -35.4168

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.4350, -7.1165, -97.7285 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(66, 237, 163)` looks like.

```
.text, #text, p{  
    color:rgb(66, 237, 163)  
}
```

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(66, 237, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 237, 163) }
```

Border

The CSS property to change the border of an element to YUV 177.4350, -7.1165, -97.7285 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(66, 237, 163) }
```


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

```
.border{ border-color:rgb(66, 237, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 237, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 237, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 237, 163);  
box-shadow:4px 4px 4px 4px rgb(66, 237,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 177.4350, -7.1165, -97.7285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 237, 163) }
```

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

```
.background{ background-color: rgb(66, 237,  
163) }
```

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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