

Converting Colors

YUV(187.6190, 10.5408,
-114.5529)

Have a look what the booklet for
YUV(187.6190, 10.5408, -114.5529)
contains.

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Color

**YUV(187.6190, 10.5408,
-114.5529)**

Conversions

Conversions Part 1

Format	Color
Hex	39FAD1
RGB	57, 250, 209
RGB Percent	22%, 98%, 82%
CMY	0.7765, 0.0196, 0.1804
CMYK	0.77, 0.00, 0.16, 0.02
HSL	167°, 95%, 60%
HSV	167°, 77%, 98%
XYZ	47.3816, 73.8445, 72.0778
YIQ	187.6190, -101.8670, -53.6670

Conversions

Conversions Part 2

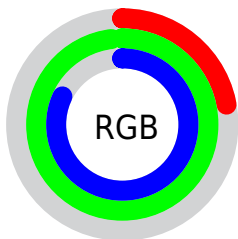
Format	Color
RYB	57, 165, 250
Decimal	3799761
CIELab	88.85, -55.48, 6.47
CIELCh	89, 55.856, 173.350
Yxy	73.8445, 0.2451, 0.3820
Android (android.graphics.Color)	4281989841 (0xFF39FAD1)
YUV	187.6190, 10.5408, -114.5529
Hunter-Lab	85.9328, -51.9613, 10.4224

Details

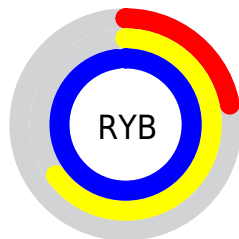
The YUV color **187.6190, 10.5408, -114.5529** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **119.3810, -10.5408, 114.5529**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8210, 17.8362, -74.3880**, and **130.3740, 12.1406, -114.3380** is the 20% darker color. If you saturate the color by 10%, you get **179.5740, 12.0420, -129.4224**, and if you desaturate by 10%, it is **195.6640, 9.0396, -99.6833**.

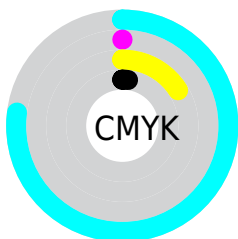
Distribution



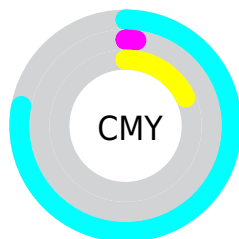
- Red (22%)
- Green (98%)
- Blue (82%)



- Red (22%)
- Yellow (65%)
- Blue (98%)



- Cyan (77%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (78%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6190, 10.5408, -114.5529 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 187.6190, 10.5408, -114.5529 by changing the saturation by 10% instead.

187.6190, 10.5408,
-114.5529

187.6190, 10.5408,
-114.5529

255.0000, 0.0000,
0.0000

150.3610, 15.1050,
-131.8666

218.8210, 17.8362,
-74.3880

130.3740, 12.1406,
-114.3380

228.3890, 13.1192,
-54.7152

111.5610, 8.5974,
-97.8390

237.9570, 8.4022,
-35.0423

92.2750, 5.7804,
-80.9252

247.5250, 3.6852,
-15.3694

74.2770, 2.8214,
-65.1409

56.3930, 0.2993,
-49.4567

39.2100, -2.0755,

-34.3872

■ 23.3150, -4.5923,
-20.4473

■ 0.0000, 0.0000,
0.0000

■ 187.6190, 10.5408,
-114.5529

■ 187.6190, 10.5408,
-114.5529

■ 179.5740, 12.0420,
-129.4224

■ 195.6640, 9.0396,
-99.6833

■ 171.4150, 13.1064,
-144.1920

■ 203.8230, 7.9753,
-84.9138

■ 169.2080, 13.7015,
-148.3954

■ 211.8680, 6.4741,
-70.0442

■ 219.9130, 4.9729,
-55.1747

■ 228.0720, 3.9085,
-40.4051

■ 236.1170, 2.4073,
-25.5356

■ 244.1620, 0.9061,
-10.6661

■ 251.6090, -0.3002,
2.9739

■ 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



206.2750, -24.2926, -48.4762



187.6190, 10.5408, -114.5529



175.8200, 39.0357, -154.1941

Triad

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



187.6190, 10.5408, -114.5529



217.4780, 18.4983, -6.5582



207.7300, -33.8839, 41.4558

Complementary

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



187.6190, 10.5408, -114.5529



119.3810, -10.5408, 114.5529

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.



204.0550, -9.8871, 44.6788



187.6190, 10.5408, -114.5529



219.1930, 17.6529, 31.4027

Square

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



187.6190, 10.5408, -114.5529



197.2470, 28.4722, -79.1466



209.5100, 13.5526, 39.8947



216.2610, -49.4287, 33.9741

Rectangle

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



187.6190, 10.5408, -114.5529



174.0590, 39.9039, -152.6497



209.5100, 13.5526, 39.8947



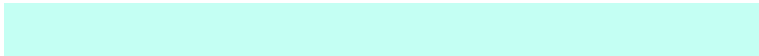
205.6900, -26.4692, 43.2449

Sweetspot

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



187.6190, 10.5408, -114.5529



235.9910, 3.4554, -35.0721



182.8490, -62.0436, -73.5356



116.3240, 1.8123, -21.3321



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.



187.6190, 10.5408, -114.5529



178.4370, 13.0956, -140.7032



160.0080, 44.3661, -90.3380



120.7710, 0.6059, -7.6922



127.9290, 10.3880, -112.1937



41.2790, 3.3135, -36.2017

Inverse Universe

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



119.3810, -10.5408, 114.5529



94.5630, -13.0956, 140.7032



146.9920, -44.3661, 90.3380



116.2290, -0.6059, 7.6922



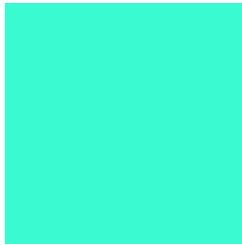
61.0710, -10.3880, 112.1937



19.7210, -3.3135, 36.2017

Previews

White Background



This preview shows how the YUV color 187.6190, 10.5408, -114.5529 looks on a white background.

Color Contrast Check

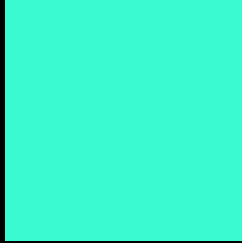
Large Text (above 18pt) WCAG AA × Fail

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 187.6190, 10.5408, -114.5529 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 187.6190, 10.5408, -114.5529 Background



This preview shows how black text looks on a background with the YUV color 187.6190, 10.5408, -114.5529.

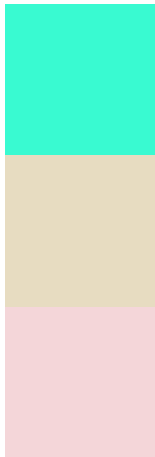


This preview shows how white text looks on a background with the YUV color 187.6190, 10.5408, -114.5529.

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

187.6190, 10.5408, -114.5529

Protanopia

220.2110, -13.4150, 9.4620

Deuteranopia

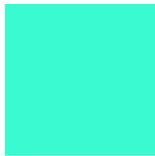
223.3120, -3.1118, 18.1434



Tritanopia

207.6350, 23.3509, -69.8399

Trichromacy



Original Color

187.6190, 10.5408, -114.5529



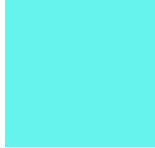
Protanomaly

208.5150, -4.6909, -35.5317



Deuteranomaly

210.2690, 1.8394, -30.0539



Tritanomaly

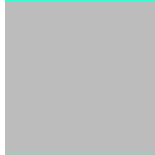
200.2710, 18.6004, -86.1837

Monochromacy



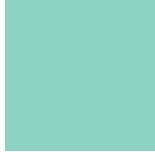
Original Color

187.6190, 10.5408, -114.5529



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0610, 3.9139, -42.1495

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6190, 10.5408, -114.5529 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(57, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(57, 250, 209)  
}
```

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(57, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 250, 209) }
```

Border

The CSS property to change the border of an element to YUV 187.6190, 10.5408, -114.5529 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(57, 250, 209) }
```


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

```
.border{ border-color:rgb(57, 250, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 250, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(57, 250,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 187.6190, 10.5408, -114.5529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 250, 209) }
```

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

```
.background{ background-color: rgb(57, 250,  
209) }
```

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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