

Converting Colors

YUV(188.3560, 16.0935,
-122.2152)

Have a look what the booklet for
YUV(188.3560, 16.0935, -122.2152)
contains.

YUV(188.3560, 16.0935, -122.2152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(188.3560, 16.0935,
-122.2152)**

Conversions

Conversions Part 1

Format	Color
Hex	31FDDD
RGB	49, 253, 221
RGB Percent	19%, 99%, 87%
CMY	0.8078, 0.0078, 0.1333
CMYK	0.81, 0.00, 0.13, 0.01
HSL	171°, 98%, 59%
HSV	171°, 81%, 99%
XYZ	49.4430, 76.1240, 80.4941
YIQ	188.3560, -111.3120, -53.2000

Conversions

Conversions Part 2

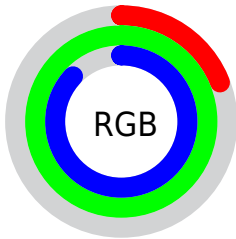
Format	Color
R_{YB}	49, 160, 253
Decimal	3276253
CIE _{Lab}	89.92, -54.42, 1.77
CIE _{LCh}	90, 54.444, 178.133
Yxy	76.1240, 0.2399, 0.3694
Android (android.graphics.Color)	4281466333 (0xFF31FDDD)
YUV	188.3560, 16.0935, -122.2152
Hunter-Lab	87.2491, -51.5319, 6.3747

Details

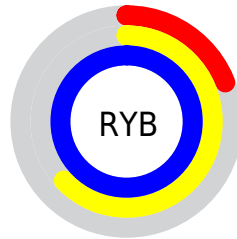
The YUV color **188.3560, 16.0935, -122.2152** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **113.6440, -16.0935, 122.2152**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9240, 18.2785, -76.2323**, and **133.3890, 16.0772, -116.9822** is the 20% darker color. If you saturate the color by 10%, you get **180.4250, 18.0315, -137.1847**, and if you desaturate by 10%, it is **196.2870, 14.1555, -107.2457**.

Distribution



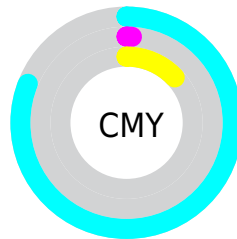
- Red (19%)
- Green (99%)
- Blue (87%)



- Red (19%)
- Yellow (63%)
- Blue (99%)



- Cyan (81%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)



- Cyan (81%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.3560, 16.0935, -122.2152 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 188.3560, 16.0935, -122.2152 by changing the saturation by 10% instead.

188.3560, 16.0935,
-122.2152

188.3560, 16.0935,
-122.2152

255.0000, 0.0000,
0.0000

153.4900, 19.4784,
-134.6107

217.9240, 18.2785,
-76.2323

133.3890, 16.0772,
-116.9822

227.7910, 13.4140,
-55.9447

113.9890, 12.8234,
-99.9684

237.6580, 8.5496,
-35.6571

95.1760, 9.2802,
-83.4694

247.2260, 3.8326,
-15.9842

77.1780, 6.3212,
-67.6851

59.1800, 3.3623,
-51.9009

41.9970, 0.9875,

-36.8314

■ 26.2160, -1.0925,
-22.9914

■ 0.0000, 0.0000,
0.0000

■ 188.3560, 16.0935,
-122.2152

■ 188.3560, 16.0935,
-122.2152

■ 180.4250, 18.0315,
-137.1847

■ 196.2870, 14.1555,
-107.2457

■ 172.7930, 19.8221,
-151.5395

■ 204.5170, 12.0701,
-91.6614

■ 212.4480, 10.1321,
-76.6919

■ 220.3790, 8.1942,
-61.7224

228.6090, 6.1088,
-46.1381

236.5400, 4.1708,
-31.1686

244.4710, 2.2328,
-16.1991

252.4020, 0.2948,
-1.2296

253.8260, 0.5788,
1.0296

Harmonies

Analogous

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



208.1970, -19.3241, -55.4238



188.3560, 16.0935, -122.2152



176.9940, 38.4570, -155.2237

Triad

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



188.3560, 16.0935, -122.2152



222.2620, 16.1398, 3.2782



211.2520, -35.6202, 38.3670

Complementary

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



188.3560, 16.0935, -122.2152



113.6440, -16.0935, 122.2152

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.



207.1210, -13.3707, 41.9899



188.3560, 16.0935, -122.2152



219.7800, 17.3635, 30.8879

Square

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



188.3560, 16.0935, -122.2152



205.6190, 24.3448, -61.9329



210.7010, 10.5004, 38.8502



220.2390, -49.4178, 30.4854

Rectangle

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



188.3560, 16.0935, -122.2152



175.2330, 39.3251, -153.6793



210.7010, 10.5004, 38.8502



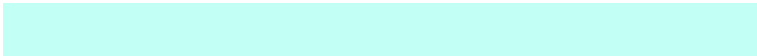
209.6850, -28.9317, 39.7413

Sweetspot

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



188.3560, 16.0935, -122.2152



235.6210, 4.6238, -36.5016



178.9140, -64.0476, -84.1166



116.2530, 2.8333, -22.1469



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.



188.3560, 16.0935, -122.2152



176.7010, 19.3744, -147.9508



152.0880, 49.7496, -90.4082



123.8850, 1.0427, -7.7921



130.4710, 15.0508, -114.4231



43.7240, 5.0661, -38.3459

Inverse Universe

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



113.6440, -16.0935, 122.2152



86.1850, -19.8112, 148.0508



149.9120, -49.7496, 90.4082



119.1150, -1.0427, 7.7921



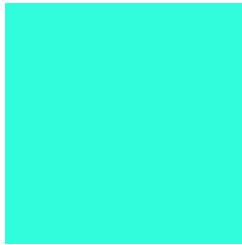
60.5290, -15.0508, 114.4231



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 188.3560, 16.0935, -122.2152 looks on a white background.

Color Contrast Check

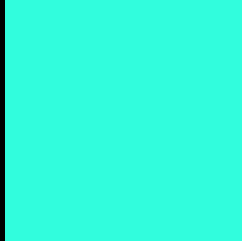
Large Text (above 18pt) WCAG AA × Fail

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 188.3560, 16.0935, -122.2152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

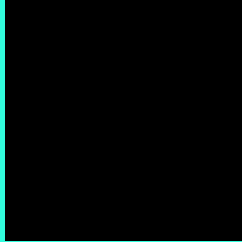
Any Text WCAG AA ✓ Pass

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 188.3560, 16.0935, -122.2152 Background



This preview shows how black text looks on a background with the YUV color 188.3560, 16.0935, -122.2152.



This preview shows how white text looks on a background with the YUV color 188.3560, 16.0935, -122.2152.

Color Blindness Simulation

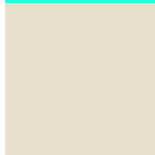
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



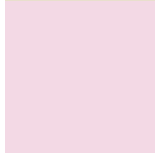
Original Color

188.3560, 16.0935, -122.2152



Protanopia

223.9380, -9.3364, 7.9474



Deuteranopia

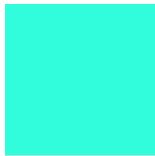
226.1420, 1.4090, 14.7845



Tritanopia

212.4080, 20.9979, -61.7478

Trichromacy



Original Color

188.3560, 16.0935, -122.2152



Protanomaly

211.0460, -0.0227, -39.5053



Deuteranomaly

212.2020, 6.8024, -35.2572



Tritanomaly

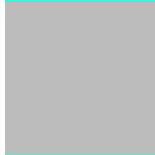
203.8090, 19.3212, -84.0245

Monochromacy



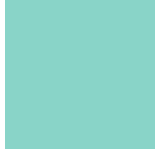
Original Color

188.3560, 16.0935, -122.2152



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.2070, 5.8139, -44.9085

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.3560, 16.0935, -122.2152 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(49, 253, 221)` looks like.

```
.text, #text, p{  
    color:rgb(49, 253, 221)  
}
```

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(49, 253, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 253, 221) }
```

Border

The CSS property to change the border of an element to YUV 188.3560, 16.0935, -122.2152 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(49, 253, 221) }
```


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

```
.border{ border-color:rgb(49, 253, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 253, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 253, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 253, 221);  
box-shadow:4px 4px 4px 4px rgb(49, 253,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 188.3560, 16.0935, -122.2152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 253, 221) }
```

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

```
.background{ background-color: rgb(49, 253,  
221) }
```

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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