

Converting Colors

YUV(188.1450, 12.7465,
-122.0302)

Have a look what the booklet for
YUV(188.1450, 12.7465, -122.0302)
contains.

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Color

**YUV(188.1450, 12.7465,
-122.0302)**

Conversions

Conversions Part 1

Format	Color
Hex	31FED6
RGB	49, 254, 214
RGB Percent	19%, 100%, 84%
CMY	0.8078, 0.0039, 0.1608
CMYK	0.81, 0.00, 0.16, 0.00
HSL	168°, 99%, 59%
HSV	168°, 81%, 100%
XYZ	48.8460, 76.3916, 75.7889
YIQ	188.1450, -109.3400, -55.9000

Conversions

Conversions Part 2

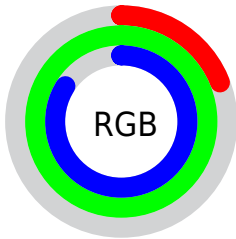
Format	Color
RYB	49, 163, 254
Decimal	3276502
CIELab	90.04, -56.57, 5.58
CIELCh	90, 56.849, 174.365
Yxy	76.3916, 0.2430, 0.3800
Android (android.graphics.Color)	4281466582 (0xFF31FED6)
YUV	188.1450, 12.7465, -122.0302
Hunter-Lab	87.4023, -53.1967, 9.7696

Details

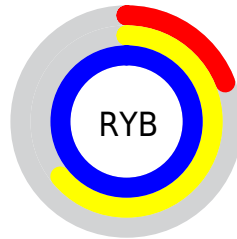
The YUV color **188.1450, 12.7465, -122.0302** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **114.8550, -12.7465, 122.0302**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6250, 18.4259, -76.8471**, and **133.1780, 12.7302, -116.7971** is the 20% darker color. If you saturate the color by 10%, you get **180.1000, 14.2477, -136.8997**, and if you desaturate by 10%, it is **196.1900, 11.2453, -107.1606**.

Distribution



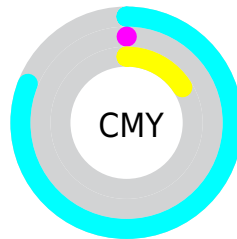
- Red (19%)
- Green (100%)
- Blue (84%)



- Red (19%)
- Yellow (64%)
- Blue (100%)



- Cyan (81%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (81%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.1450, 12.7465, -122.0302 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 188.1450, 12.7465, -122.0302 by changing the saturation by 10% instead.

188.1450, 12.7465,
-122.0302

188.1450, 12.7465,
-122.0302

255.0000, 0.0000,
0.0000

153.2790, 16.1315,
-134.4257

217.6250, 18.4259,
-76.8471

133.1780, 12.7302,
-116.7971

227.7910, 13.4140,
-55.9447

113.7780, 9.4764,
-99.7833

237.3590, 8.6970,
-36.2718

95.0790, 6.3701,
-83.3843

246.9270, 3.9800,
-16.5990

76.4940, 3.7005,
-67.0852

58.6100, 1.1783,
-51.4010

41.4270, -1.1965,

-36.3315

■ 25.6460, -3.2765,
-22.4915

■ 0.0000, 0.0000,
0.0000

■ 188.1450, 12.7465,
-122.0302

■ 188.1450, 12.7465,
-122.0302

■ 180.1000, 14.2477,
-136.8997

■ 196.1900, 11.2453,
-107.1606

■ 172.3540, 15.6015,
-151.1545

■ 204.5340, 9.5967,
-91.6763

■ 212.5790, 8.0956,
-76.8068

■ 220.9230, 6.4470,
-61.3225

■ 228.9680, 4.9458,
-46.4529

■ 237.0130, 3.4446,
-31.5834

■ 245.3570, 1.7960,
-16.0991

■ 253.4020, 0.2948,
-1.2296

■ 254.4130, 0.2894,
0.5148

Harmonies

Analogous

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



208.7800, -23.5555, -51.5501



188.1450, 12.7465, -122.0302



178.1680, 37.8782, -156.2533

Triad

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



188.1450, 12.7465, -122.0302



220.4460, 17.0351, -3.8991



209.6050, -34.3153, 39.8114

Complementary

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



188.1450, 12.7465, -122.0302



114.8550, -12.7465, 122.0302

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.



205.9300, -10.3185, 43.0344



188.1450, 12.7465, -122.0302



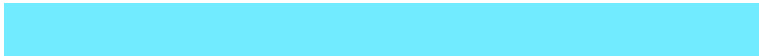
220.3670, 17.0741, 30.3731

Square

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



188.1450, 12.7465, -122.0302



200.5030, 26.8670, -77.6171



210.9120, 13.8474, 38.6652



218.6090, -50.5862, 31.9149

Rectangle

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



188.1450, 12.7465, -122.0302



176.4070, 38.7463, -154.7089



210.9120, 13.8474, 38.6652



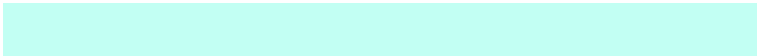
207.5650, -26.9005, 41.6005

Sweetspot

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



188.1450, 12.7465, -122.0302



235.3930, 3.7503, -36.3017



181.5940, -65.3688, -80.3279



116.0250, 1.9597, -21.9469



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.



188.1450, 12.7465, -122.0302



175.6750, 15.4432, -147.0510



156.3110, 48.1607, -94.1117



123.7710, 0.6059, -7.6922



129.6730, 11.9932, -113.7232



43.3820, 3.7557, -38.0460

Inverse Universe

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



114.8550, -12.7465, 122.0302



87.3250, -15.4432, 147.0510



146.6890, -48.1607, 94.1117



119.1150, -1.0427, 7.7921



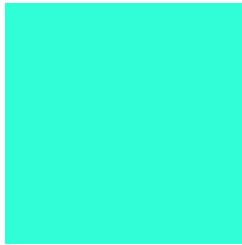
61.3270, -11.9932, 113.7232



20.5040, -4.1925, 38.1460

Previews

White Background



This preview shows how the YUV color 188.1450, 12.7465, -122.0302 looks on a white background.

Color Contrast Check

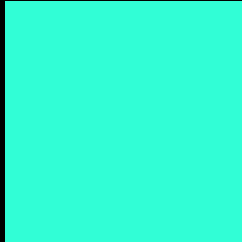
Large Text (above 18pt) WCAG AA × Fail

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 188.1450, 12.7465, -122.0302 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

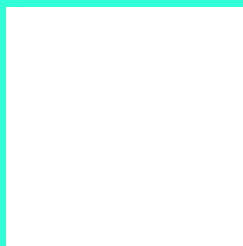
Any Text WCAG AAA ✓ Pass

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

YUV 188.1450, 12.7465, -122.0302 Background



This preview shows how black text looks on a background with the YUV color 188.1450, 12.7465, -122.0302.



This preview shows how white text looks on a background with the YUV color 188.1450, 12.7465, -122.0302.

Color Blindness Simulation

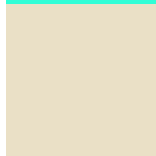
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



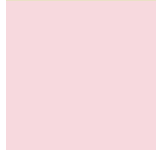
Original Color

188.1450, 12.7465, -122.0302



Protanopia

224.0260, -12.8308, 8.7472



Deuteranopia

226.5400, -2.2382, 17.9434



Tritanopia

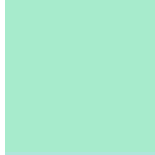
213.0060, 20.7030, -60.5183

Trichromacy



Original Color

188.1450, 12.7465, -122.0302



Protanomaly

211.1340, -3.5171, -38.7055



Deuteranomaly

212.3010, 3.3026, -32.7130



Tritanomaly

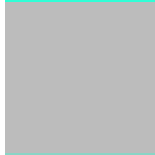
203.7660, 17.8634, -83.1098

Monochromacy



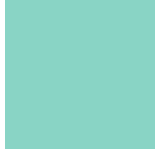
Original Color

188.1450, 12.7465, -122.0302



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.8650, 4.5036, -44.6086

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.1450, 12.7465, -122.0302 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, 254, 214)` looks like.

```
.text, #text, p{  
    color:rgb(49, 254, 214)  
}
```

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, 254, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 254, 214) }
```

Border

The CSS property to change the border of an element to YUV 188.1450, 12.7465, -122.0302 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, 254, 214) }
```


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

```
.border{ border-color:rgb(49, 254, 214) }
```

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

Here you see how a box with a 4 pixel rgb(49, 254, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 254, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 254, 214);  
box-shadow:4px 4px 4px 4px rgb(49, 254,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 188.1450, 12.7465, -122.0302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 254, 214) }
```

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

```
.background{ background-color: rgb(49, 254,  
214) }
```

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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