

# Converting Colors

YUV(198.1040, 25.0917,  
-114.9782)

Have a look what the booklet for  
YUV(198.1040, 25.0917, -114.9782)  
contains.

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# Color

**YUV(198.1040, 25.0917,  
-114.9782)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43FFF9
RGB	67, 255, 249
RGB Percent	26%, 100%, 98%
CMY	0.7373, 0.0000, 0.0235
CMYK	0.74, 0.00, 0.02, 0.00
HSL	178°, 100%, 63%
HSV	178°, 74%, 100%
XYZ	55.1736, 79.5528, 102.0698
YIQ	198.1040, -110.1220, -41.7220

# Conversions

## Conversions Part 2

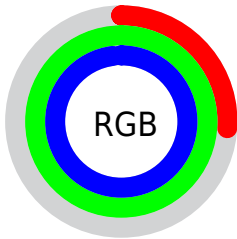
Format	Color
<a href="#">RYB</a>	<a href="#">67, 163, 255</a>
Decimal	<a href="#">4456441</a>
CIELab	<a href="#">91.48, -46.20, -10.42</a>
CIElCh	<a href="#">91, 47.359, 192.712</a>
Yxy	<a href="#">79.5528, 0.2330, 0.3360</a>
Android (android.graphics.Color)	<a href="#">4282646521 (0xFF43FFF9)</a>
YUV	<a href="#">198.1040, 25.0917, -114.9782</a>
Hunter-Lab	<a href="#">89.1924, -45.6682, -5.4155</a>

# Details

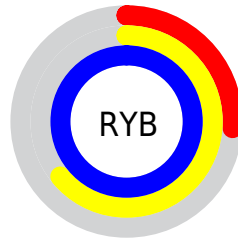
The YUV color **198.1040, 25.0917, -114.9782** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **123.8960, -25.0917, 114.9782**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5120, 16.5096, -68.8550**, and **137.6410, 27.2920, -120.7112** is the 20% darker color. If you saturate the color by 10%, you get **190.2160, 28.4875, -130.8624**, and if you desaturate by 10%, it is **205.6930, 21.8434, -99.7088**.

# Distribution



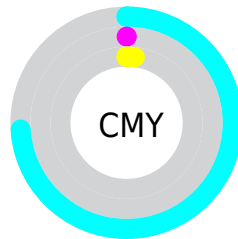
- Red (26%)
- Green (100%)
- Blue (98%)



- Red (26%)
- Yellow (64%)
- Blue (100%)



- Cyan (74%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (74%)
- Magenta (0%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 198.1040, 25.0917, -114.9782 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 198.1040, 25.0917, -114.9782 by changing the saturation by 10% instead.



198.1040, 25.0917,  
-114.9782

198.1040, 25.0917,  
-114.9782

255.0000, 0.0000,  
0.0000

157.7420, 30.6932,  
-138.3397

221.5120, 16.5096,  
-68.8550

137.6410, 27.2920,  
-120.7112

231.3790, 11.6452,  
-48.5674

118.7140, 23.3120,  
-104.1122

240.9470, 6.9281,  
-28.8945

99.7870, 19.3320,  
-87.5132

250.5150, 2.2111,  
-9.2217

81.0880, 16.2256,  
-71.1142

63.5630, 12.5404,  
-55.7448

46.2660, 9.7289,

-40.5753

■ 30.8440, 6.4859,  
-27.0502

■ 9.1930, 7.2999,  
-8.0623

■ 198.1040, 25.0917,  
-114.9782

■ 198.1040, 25.0917,  
-114.9782

■ 190.2160, 28.4875,  
-130.8624

■ 205.6930, 21.8434,  
-99.7088

■ 182.6270, 31.7359,  
-146.1319

■ 213.5810, 18.4476,  
-83.8245

■ 177.8430, 34.0944,  
-155.9683

■ 221.3550, 14.6150,  
-67.8403

■ 228.9440, 11.3666,  
-52.5709

236.8320, 7.9708,  
-36.6867

244.4210, 4.7224,  
-21.4172

252.0100, 1.4741,  
-6.1478

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



211.6050, -4.7353, -68.0596



198.1040, 25.0917, -114.9782



187.7580, 33.1503, -133.0918

# Triad

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



198.1040, 25.0917, -114.9782



229.7590, 12.4438, 22.1364



221.2140, -38.0665, 29.6303

# Complementary

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



198.1040, 25.0917, -114.9782



123.8960, -25.0917, 114.9782

# 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.



215.4870, -21.9321, 34.6529



198.1040, 25.0917, -114.9782



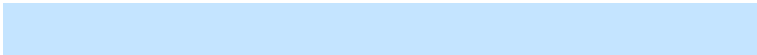
222.1280, 16.2059, 28.8287

# Square

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



198.1040, 25.0917, -114.9782



221.5100, 16.5106, -22.3723



214.9920, -0.9821, 35.0870



225.4910, -41.6541, 13.6014



# Rectangle

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



198.1040, 25.0917, -114.9782



200.0830, 27.0741, -97.4198



214.9920, -0.9821, 35.0870



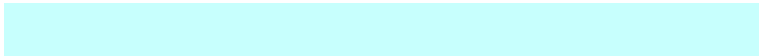
218.4900, -33.2726, 32.0193

# Sweetspot

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



198.1040, 25.0917, -114.9782



238.0280, 7.3812, -34.2276



179.1500, -55.2900, -93.0936



117.6060, 4.1382, -20.7025



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.



198.1040, 25.0917, -114.9782



187.2260, 29.9616, -137.0102



147.1320, 53.1789, -70.2758



123.9990, 1.4795, -7.8921



133.2070, 25.5339, -116.8225



44.6360, 8.5605, -39.1458



# Inverse Universe

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



123.8960, -25.0917, 114.9782



98.7740, -29.9616, 137.0102



174.8680, -53.1789, 70.2758



118.8870, -1.9163, 7.9921



57.7930, -25.5339, 116.8225

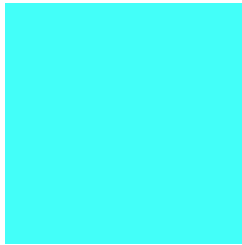


19.3640, -8.5605, 39.1458



# Previews

## White Background



This preview shows how the YUV color 198.1040, 25.0917, -114.9782 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

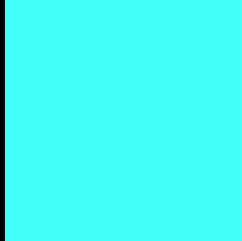
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 198.1040, 25.0917, -114.9782 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

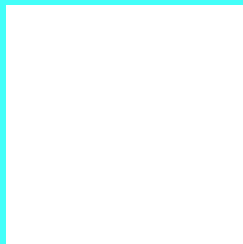
Any Text WCAG AAA ✓ Pass

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

# YUV 198.1040, 25.0917, -114.9782 Background



This preview shows how black text looks on a background with the YUV color 198.1040, 25.0917, -114.9782.



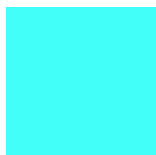
This preview shows how white text looks on a background with the YUV color 198.1040, 25.0917, -114.9782.



# Color Blindness Simulation

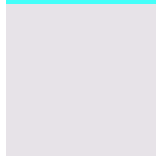
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



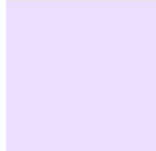
### Original Color

198.1040, 25.0917, -114.9782



### Protanopia

228.7660, 1.5944, 1.9592



### Deuteranopia

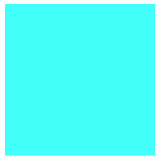
230.8340, 11.9138, 5.4076



## Tritanopia

219.8610, 17.3235, -49.8671

# Trichromacy



## Original Color

198.1040, 25.0917, -114.9782



## Protanomaly

217.3800, 10.1657, -40.6753



## Deuteranomaly

219.1120, 16.7068, -38.6862



## Tritanomaly

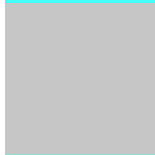
212.1030, 20.1622, -73.7583

# Monochromacy



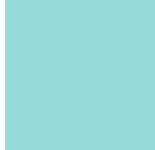
## Original Color

198.1040, 25.0917, -114.9782



## Achromatopsia

198.0000, 0.0000, 0.0000



## Achromatomaly

198.1410, 9.2975, -42.2197

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 198.1040, 25.0917, -114.9782 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(67, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(67, 255, 249)  
}
```

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(67, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 255, 249) }
```

## Border

The CSS property to change the border of an element to YUV 198.1040, 25.0917, -114.9782 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(67, 255, 249) }
```



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

```
.border{ border-color:rgb(67, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(67, 255,  
249) }
```

# Background

The CSS property to change the background color of an element to YUV 198.1040, 25.0917, -114.9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 255, 249) }
```

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

```
.background{ background-color: rgb(67, 255,  
249) }
```

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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