

Converting Colors

YUV(198.7910, 23.2740,
-91.9017)

Have a look what the booklet for
YUV(198.7910, 23.2740, -91.9017)
contains.

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Color

**YUV(198.7910, 23.2740,
-91.9017)**

Conversions

Conversions Part 1

Format	Color
Hex	5EF3F6
RGB	94, 243, 246
RGB Percent	37%, 95%, 96%
CMY	0.6314, 0.0471, 0.0353
CMYK	0.62, 0.01, 0.00, 0.04
HSL	181°, 89%, 67%
HSV	181°, 62%, 96%
XYZ	53.3012, 73.1347, 98.4959
YIQ	198.7910, -89.7670, -30.6550

Conversions

Conversions Part 2

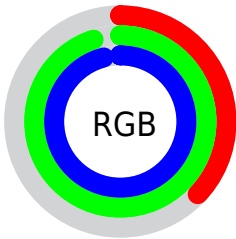
Format	Color
R_{YB}	94, 169, 246
Decimal	6222838
CIE _{Lab}	88.51, -38.16, -13.23
CIE _{LCh}	89, 40.390, 199.126
Yxy	73.1347, 0.2370, 0.3251
Android (android.graphics.Color)	4284412918 (0xFF5EF3F6)
YUV	198.7910, 23.2740, -91.9017
Hunter-Lab	85.5188, -38.4044, -8.4238

Details

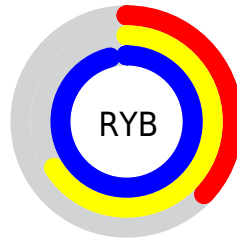
The YUV color **198.7910, 23.2740, -91.9017** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **141.2090, -23.2740, 91.9017**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2960, 14.1511, -59.0186**, and **130.8420, 29.1649, -114.7484** is the 20% darker color. If you saturate the color by 10%, you get **191.3160, 26.9592, -107.2711**, and if you desaturate by 10%, it is **206.2660, 19.5889, -76.5323**.

Distribution



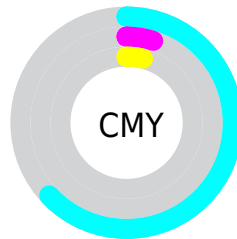
- Red (37%)
- Green (95%)
- Blue (96%)



- Red (37%)
- Yellow (66%)
- Blue (96%)



- Cyan (62%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (63%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.7910, 23.2740, -91.9017 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 198.7910, 23.2740, -91.9017 by changing the saturation by 10% instead.

198.7910, 23.2740,
-91.9017

198.7910, 23.2740,
-91.9017

255.0000, 0.0000,
0.0000

166.9150, 25.1849,
-98.1495

226.2960, 14.1511,
-59.0186

130.8420, 29.1649,
-114.7484

235.8640, 9.4340,
-39.3457

111.9150, 25.1849,
-98.1495

245.1330, 4.8644,
-20.2876

92.9880, 21.2049,
-81.5505

254.4020, 0.2948,
-1.2296

74.8760, 17.8091,
-65.6663

58.0520, 14.2714,
-50.9116

40.7550, 11.4598,

-35.7421

■ 26.5070, 7.6380,
-23.2466

■ 3.0950, 9.3202,
-2.7143

■ 198.7910, 23.2740,
-91.9017

■ 198.7910, 23.2740,
-91.9017

■ 191.3160, 26.9592,
-107.2711

■ 206.2660, 19.5889,
-76.5323

■ 183.5530, 30.7864,
-121.5110

■ 214.0290, 15.7617,
-62.2924

■ 176.0780, 34.4715,
-136.8804

■ 221.5040, 12.0765,
-46.9230

■ 169.5110, 37.7091,
-148.6611

■ 229.2670, 8.2494,
-32.6832

■ 236.7420, 4.5642,
-17.3137

■ 244.8040, 0.5896,
-2.4591

■ 248.6910, -1.3267,
5.5330

■ 249.2780, -1.6161,
5.0182

Harmonies

Analogous

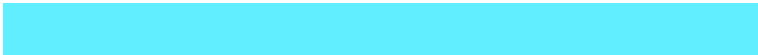
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205.3050, 0.3426, -63.4115



198.7910, 23.2740, -91.9017



198.3660, 27.9206, -88.8980

Triad

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



198.7910, 23.2740, -91.9017



225.0630, 14.7589, 26.2547



219.2080, -35.5985, 31.3896

Complementary

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



198.7910, 23.2740, -91.9017



141.2090, -23.2740, 91.9017

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.



213.7430, -23.5373, 36.1824



198.7910, 23.2740, -91.9017



217.2550, 10.2273, 33.1024

Square

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



198.7910, 23.2740, -91.9017



218.3420, 18.0724, -9.9469



212.8090, -6.8078, 37.0015



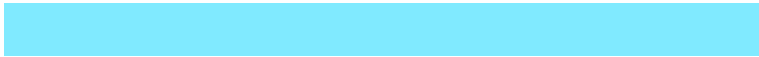
217.4990, -33.7700, 4.8244

Rectangle

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



198.7910, 23.2740, -91.9017



204.7000, 24.7979, -67.2659



212.8090, -6.8078, 37.0015



217.3160, -32.6938, 33.0489

Sweetspot

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



198.7910, 23.2740, -91.9017



240.0610, 7.3649, -28.9945



183.5660, -42.6770, -78.5494



118.4430, 4.7116, -17.9285



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.



198.7910, 23.2740, -91.9017



196.1410, 29.0175, -114.1337



154.1790, 45.2678, -52.7770



118.4120, 1.7689, -7.3773



128.0380, 28.5753, -112.2893



40.1850, 9.2758, -35.2422

Inverse Universe

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



156.4340, 42.6770, 78.5494



143.6010, 52.9477, 97.6969



185.8210, -45.2678, 52.7770



114.9560, 3.4727, 6.1776



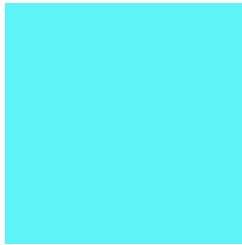
76.3620, 52.0795, 96.1525



24.1390, 16.2005, 30.5731

Previews

White Background



This preview shows how the YUV color 198.7910, 23.2740, -91.9017 looks on a white background.

Color Contrast Check

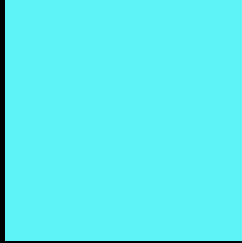
Large Text (above 18pt) WCAG AA × Fail

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 198.7910, 23.2740, -91.9017 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 198.7910, 23.2740, -91.9017 Background



This preview shows how black text looks on a background with the YUV color 198.7910, 23.2740, -91.9017.

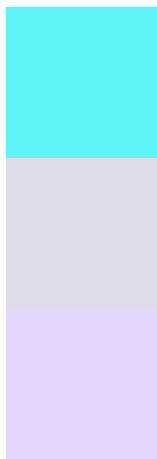


This preview shows how white text looks on a background with the YUV color 198.7910, 23.2740, -91.9017.

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

198.7910, 23.2740, -91.9017

Protanopia

220.9660, 4.9468, 0.0298

Deuteranopia

222.8060, 14.3926, 3.6781



Tritanopia

206.7490, 23.7877, -69.9399

Trichromacy



Original Color

198.7910, 23.2740, -91.9017



Protanomaly

213.0650, 11.3070, -33.3830



Deuteranomaly

214.0960, 17.7007, -30.7792



Tritanomaly

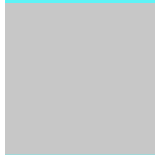
203.9930, 23.6675, -78.0469

Monochromacy



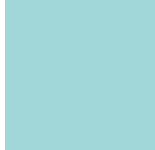
Original Color

198.7910, 23.2740, -91.9017



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.9680, 8.3968, -33.2979

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.7910, 23.2740, -91.9017 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(94, 243, 246)` looks like.

```
.text, #text, p{  
    color:rgb(94, 243, 246)  
}
```

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(94, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 243, 246) }
```

Border

The CSS property to change the border of an element to YUV 198.7910, 23.2740, -91.9017 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(94, 243, 246) }
```


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

```
.border{ border-color:rgb(94, 243, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 243, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 243, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 243, 246);  
box-shadow:4px 4px 4px 4px rgb(94, 243,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 198.7910, 23.2740, -91.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 243, 246) }
```

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

```
.background{ background-color: rgb(94, 243,  
246) }
```

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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