

Converting Colors

YUV(193.4750, 18.9928,
-118.8116)

Have a look what the booklet for
YUV(193.4750, 18.9928, -118.8116)
contains.

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Color

**YUV(193.4750, 18.9928,
-118.8116)**

Conversions

Conversions Part 1

Format	Color
Hex	3AFFE8
RGB	58, 255, 232
RGB Percent	23%, 100%, 91%
CMY	0.7725, 0.0000, 0.0902
CMYK	0.77, 0.00, 0.09, 0.00
HSL	173°, 100%, 61%
HSV	173°, 77%, 100%
XYZ	52.0704, 78.2457, 88.7025
YIQ	193.4750, -110.0290, -48.9170

Conversions

Conversions Part 2

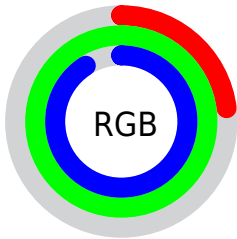
Format	Color
RYB	58, 163, 255
Decimal	3866600
CIELab	90.89, -51.62, -2.49
CIELCh	91, 51.678, 182.766
Yxy	78.2457, 0.2377, 0.3573
Android (android.graphics.Color)	4282056680 (0xFF3AFFE8)
YUV	193.4750, 18.9928, -118.8116
Hunter-Lab	88.4566, -49.7242, 2.4648

Details

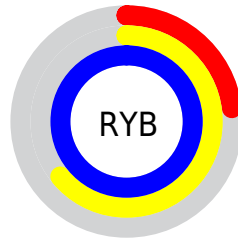
The YUV color **193.4750, 18.9928, -118.8116** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **119.5250, -18.9928, 118.8116**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4190, 17.5414, -73.1585**, and **135.7030, 19.8664, -119.0115** is the 20% darker color. If you saturate the color by 10%, you get **185.3590, 21.5150, -134.4958**, and if you desaturate by 10%, it is **201.2920, 16.6180, -103.7421**.

Distribution



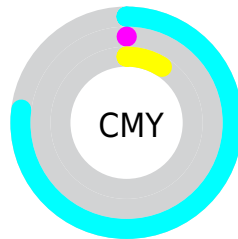
- Red (23%)
- Green (100%)
- Blue (91%)



- Red (23%)
- Yellow (64%)
- Blue (100%)



- Cyan (77%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (77%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4750, 18.9928, -118.8116 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 193.4750, 18.9928, -118.8116 by changing the saturation by 10% instead.

193.4750, 18.9928,
-118.8116

193.4750, 18.9928,
-118.8116

255.0000, 0.0000,
0.0000

155.9180, 23.7044,
-136.7401

219.4190, 17.5414,
-73.1585

135.7030, 19.8664,
-119.0115

229.2860, 12.6770,
-52.8708

116.3030, 16.6126,
-101.9977

239.1530, 7.8126,
-32.5832

97.4900, 13.0694,
-85.4987

248.7210, 3.0955,
-12.9103

79.3780, 9.6736,
-69.6145

61.3800, 6.7147,
-53.8303

44.1970, 4.3399,

-38.7608

■ 28.8890, 1.5337,
-25.3357

■ 4.5480, 2.1948,
-3.9886

■ 193.4750, 18.9928,
-118.8116

■ 193.4750, 18.9928,
-118.8116

■ 185.3590, 21.5150,
-134.4958

■ 201.2920, 16.6180,
-103.7421

■ 177.5420, 23.8898,
-149.5653

■ 209.4080, 14.0959,
-88.0578

■ 175.3350, 24.4848,
-153.7688

■ 217.2250, 11.7211,
-72.9883

■ 225.3410, 9.1989,
-57.3041

■ 233.1580, 6.8241,
-42.2346

■ 241.2740, 4.3019,
-26.5503

■ 249.0910, 1.9271,
-11.4808

■ 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.



210.8420, -14.2191, -59.4974



193.4750, 18.9928, -118.8116



177.5810, 38.1676, -155.7385

Triad

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



193.4750, 18.9928, -118.8116



226.4480, 14.0761, 11.8851



215.7030, -36.3356, 34.4635

Complementary

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



193.4750, 18.9928, -118.8116



119.5250, -18.9928, 118.8116

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.



211.0020, -16.2700, 38.5862



193.4750, 18.9928, -118.8116



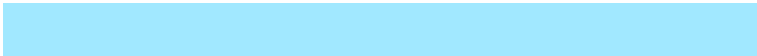
220.9540, 16.7847, 29.8583

Square

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



193.4750, 18.9928, -118.8116



213.3930, 20.5123, -45.9487



212.9520, 6.4327, 36.8761



224.6730, -47.6598, 26.5968

Rectangle

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



193.4750, 18.9928, -118.8116



175.2330, 39.3251, -153.6793



212.9520, 6.4327, 36.8761



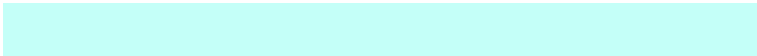
213.3210, -30.2313, 36.5525

Sweetspot

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



193.4750, 18.9928, -118.8116



236.5610, 5.6394, -35.5720



181.4130, -60.8426, -85.4312



116.6660, 3.1227, -21.6321



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.



193.4750, 18.9928, -118.8116



180.9450, 22.7051, -142.9028



153.8330, 49.8753, -84.0455



123.8850, 1.0427, -7.7921



131.3830, 18.5452, -115.2229



43.9520, 5.9397, -38.5459

Inverse Universe

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



119.5250, -18.9928, 118.8116



92.0550, -22.7051, 142.9028



159.1670, -49.8753, 84.0455



119.0010, -1.4795, 7.8921



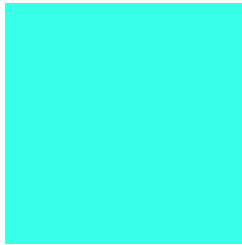
59.6170, -18.5452, 115.2229



19.9340, -6.3765, 38.6459

Previews

White Background



This preview shows how the YUV color 193.4750, 18.9928, -118.8116 looks on a white background.

Color Contrast Check

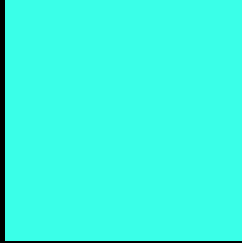
Large Text (above 18pt) WCAG AA × Fail

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 193.4750, 18.9928, -118.8116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

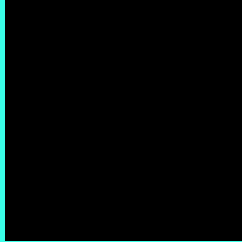
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

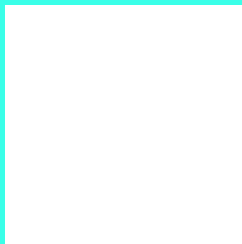
Any Text WCAG AAA ✓ Pass

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

YUV 193.4750, 18.9928, -118.8116 Background



This preview shows how black text looks on a background with the YUV color 193.4750, 18.9928, -118.8116.

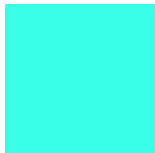


This preview shows how white text looks on a background with the YUV color 193.4750, 18.9928, -118.8116.

Color Blindness Simulation

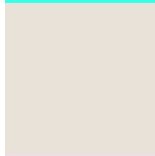
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



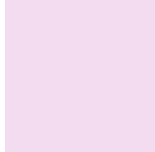
Original Color

193.4750, 18.9928, -118.8116



Protanopia

226.9530, -5.3998, 5.3032



Deuteranopia

229.1570, 5.3456, 12.1403



Tritanopia

217.1810, 18.6448, -53.6557

Trichromacy



Original Color

193.4750, 18.9928, -118.8116



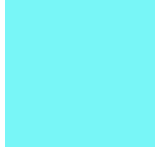
Protanomaly

214.9580, 3.4717, -40.3052



Deuteranomaly

216.4130, 10.1494, -35.4422



Tritanomaly

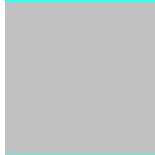
208.4400, 19.0101, -77.5619

Monochromacy



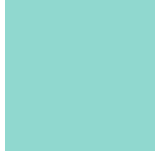
Original Color

193.4750, 18.9928, -118.8116



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.4460, 6.6821, -43.3641

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4750, 18.9928, -118.8116 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(58, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(58, 255, 232)  
}
```

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(58, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 255, 232) }
```

Border

The CSS property to change the border of an element to YUV 193.4750, 18.9928, -118.8116 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(58, 255, 232) }
```


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

```
.border{ border-color:rgb(58, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(58, 255,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 193.4750, 18.9928, -118.8116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 255, 232) }
```

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

```
.background{ background-color: rgb(58, 255,  
232) }
```

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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