

Converting Colors

YUV(119.7340, 53.3751,
-86.5897)

Have a look what the booklet for
YUV(119.7340, 53.3751, -86.5897)
contains.

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Color

**YUV(119.7340, 53.3751,
-86.5897)**

Conversions

Conversions Part 1

Format	Color
Hex	1595E4
RGB	21, 149, 228
RGB Percent	8%, 58%, 89%
CMY	0.9176, 0.4157, 0.1059
CMYK	0.91, 0.35, 0.00, 0.11
HSL	203°, 83%, 49%
HSV	203°, 91%, 89%
XYZ	25.0603, 27.2558, 77.3389
YIQ	119.7340, -101.6470, -2.5670

Conversions

Conversions Part 2

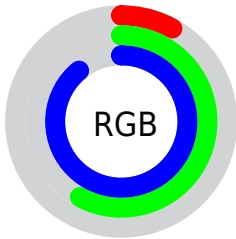
Format	Color
R _Y B	21, 100, 228
Decimal	1414628
CIE Lab	59.21, -3.57, -48.77
CIE LCh	59, 48.904, 265.819
Yxy	27.2558, 0.1933, 0.2102
Android (android.graphics.Color)	4279604708 (0xFF1595E4)
YUV	119.7340, 53.3751, -86.5897
Hunter-Lab	52.2070, -5.6792, -51.2865

Details

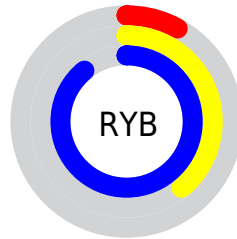
The YUV color **119.7340, 53.3751, -86.5897** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **129.2660, -53.3751, 86.5897**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.8220, 36.5698, -62.9879**, and **77.7210, 46.4795, -68.1613** is the 20% darker color. If you saturate the color by 10%, you get **108.7590, 58.7858, -95.3816**, and if you desaturate by 10%, it is **131.8940, 47.3803, -77.0830**.

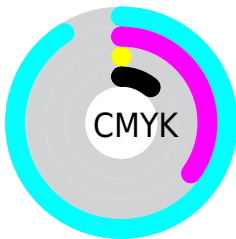
Distribution



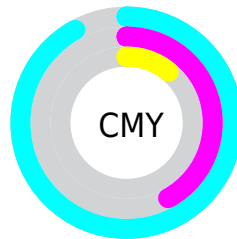
- Red (8%)
- Green (58%)
- Blue (89%)



- Red (8%)
- Yellow (39%)
- Blue (89%)



- Cyan (91%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (92%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.7340, 53.3751, -86.5897 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 119.7340, 53.3751, -86.5897 by changing the saturation by 10% instead.

■ 119.7340, 53.3751,
-86.5897

■ 119.7340, 53.3751,
-86.5897

255.0000, 0.0000,
0.0000

■ 95.0010, 51.7645,
-83.3159

■ 180.8220, 36.5698,
-62.9879

■ 77.7210, 46.4795,
-68.1613

■ 207.1250, 23.6024,
-57.1146

■ 60.5550, 41.6314,
-53.1067

■ 230.4820, 12.0874,
-50.4117

■ 44.6770, 36.6412,
-39.1817

■ 239.7510, 7.5178,
-31.3536

■ 30.0870, 31.5091,
-26.3863

■ 249.0200, 2.9481,
-12.2955

■ 12.6760, 28.2607,
-11.1169

■ 7.5920, 18.9351,

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 119.7340, 53.3751,
-86.5897

■ 119.7340, 53.3751,
-86.5897

■ 108.7590, 58.7858,
-95.3816

■ 131.8940, 47.3803,
-77.0830

■ 143.4670, 41.6748,
-67.0616

■ 155.3280, 35.8273,
-58.1697

■ 167.4880, 29.8324,
-48.6630

■ 179.6480, 23.8375,
-39.1563

■ 191.2210, 18.1320,
-29.1348

■ 203.3810, 12.1372,
-19.6281

■ 215.2420, 6.2897,
-10.7362

■ 226.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



117.6150, 47.0248, -103.1484



119.7340, 53.3751, -86.5897



144.1030, 37.4172, -7.9833

Triad

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



119.7340, 53.3751, -86.5897



141.7870, -16.6570, 69.4698



126.5450, -17.0307, -44.3280

Complementary

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



119.7340, 53.3751, -86.5897



129.2660, -53.3751, 86.5897

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.



134.4610, -36.2163, -3.9123



119.7340, 53.3751, -86.5897



140.8180, -33.9273, 55.4106

Square

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



119.7340, 53.3751, -86.5897



143.9170, 2.9989, 64.9708



138.4760, -42.1397, 29.4005



111.0710, 11.7970, -97.4093

Rectangle

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



119.7340, 53.3751, -86.5897



146.7820, 27.7155, 23.8702



138.4760, -42.1397, 29.4005



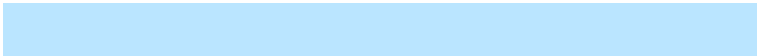
129.9830, -24.6416, -29.8031

Sweetspot

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



119.7340, 53.3751, -86.5897



219.1070, 17.6952, -29.0348



151.1730, -26.7073, -114.1617



106.3490, 10.6739, -16.9691



0.0000, 0.0000, 0.0000



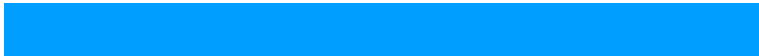
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



119.7340, 53.3751, -86.5897



121.8160, 65.6597, -106.8326



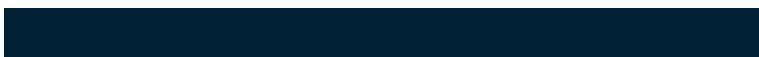
61.0340, 82.3142, -35.1098



108.4770, 3.2158, -4.8033



84.9760, 46.3538, -74.5240



24.5980, 13.0162, -21.5724

Inverse Universe

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



97.4850, 25.3969, 114.4617



94.2570, 31.4253, 140.9716



187.9660, -82.3142, 35.1098



107.3860, 1.2887, 6.6775



66.0610, 21.6619, 99.0475



18.8970, 6.4598, 28.1543

Previews

White Background



This preview shows how the YUV color 119.7340, 53.3751, -86.5897 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 119.7340, 53.3751, -86.5897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

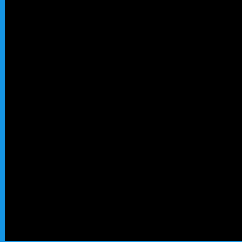
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

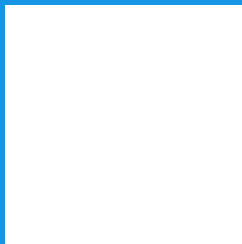
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.7340, 53.3751, -86.5897

Background



This preview shows how black text looks on a background with the YUV color 119.7340, 53.3751, -86.5897.



This preview shows how white text looks on a background with the YUV color 119.7340, 53.3751, -86.5897.

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

119.7340, 53.3751, -86.5897

Protanopia

140.0470, 38.9238, -24.5972

Deuteranopia

135.8860, 46.3982, -41.9960



Tritanopia

111.4250, 28.3845, -97.7197

Trichromacy



Original Color

119.7340, 53.3751, -86.5897

Protanomaly

132.8700, 43.9411, -47.2440

Deuteranomaly

130.3570, 48.6310, -58.1951

Tritanomaly

114.4500, 37.2462, -93.3566

Monochromacy



Original Color

119.7340, 53.3751, -86.5897

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1390, 19.1585, -31.6939

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7340, 53.3751, -86.5897 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(21, 149, 228)` looks like.

```
.text, #text, p{  
    color:rgb(21, 149, 228)  
}
```

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(21, 149, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 149, 228) }
```

Border

The CSS property to change the border of an element to YUV 119.7340, 53.3751, -86.5897 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(21, 149, 228) }
```


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

```
.border{ border-color:rgb(21, 149, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 149, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 149, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 149, 228);  
box-shadow:4px 4px 4px 4px rgb(21, 149,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 119.7340, 53.3751, -86.5897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 149, 228) }
```

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

```
.background{ background-color: rgb(21, 149,  
228) }
```

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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