

Converting Colors

YUV(119.5190, 62.8481,
-91.6632)

Have a look what the booklet for
YUV(119.5190, 62.8481, -91.6632)
contains.

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Color

**YUV(119.5190, 62.8481,
-91.6632)**

Conversions

Conversions Part 1

Format	Color
Hex	0F94F7
RGB	15, 148, 247
RGB Percent	6%, 58%, 97%
CMY	0.9412, 0.4196, 0.0314
CMYK	0.94, 0.40, 0.00, 0.03
HSL	206°, 94%, 51%
HSV	206°, 94%, 97%
XYZ	27.5754, 27.9968, 91.9462
YIQ	119.5190, -111.0470, 2.5930

Conversions

Conversions Part 2

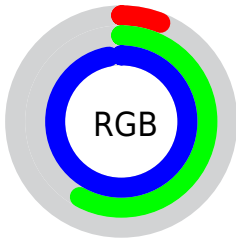
Format	Color
R _{YB}	15, 100, 247
Decimal	1021175
CIE Lab	59.89, 3.91, -58.20
CIE LCh	60, 58.334, 273.842
Yxy	27.9968, 0.1869, 0.1898
Android (android.graphics.Color)	4279211255 (0xFF0F94F7)
YUV	119.5190, 62.8481, -91.6632
Hunter-Lab	52.9120, 0.4304, -65.9911

Details

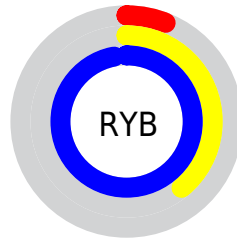
The YUV color **119.5190, 62.8481, -91.6632** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **142.4810, -62.8481, 91.6632**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.1320, 36.4169, -60.6288**, and **79.1860, 54.6313, -69.4461** is the 20% darker color. If you saturate the color by 10%, you get **111.5120, 66.7956, -97.7960**, and if you desaturate by 10%, it is **133.4510, 55.9797, -81.9565**.

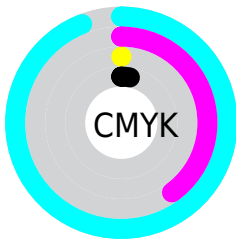
Distribution



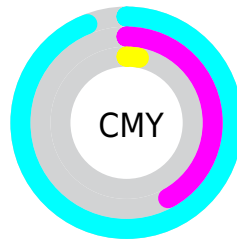
- Red (6%)
- Green (58%)
- Blue (97%)



- Red (6%)
- Yellow (39%)
- Blue (97%)



- Cyan (94%)
- Magenta (40%)
- Yellow (0%)
- Black (3%)



- Cyan (94%)
- Magenta (42%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.5190, 62.8481, -91.6632 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 119.5190, 62.8481, -91.6632 by changing the saturation by 10% instead.

■ 119.5190, 62.8481,
-91.6632

■ 119.5190, 62.8481,
-91.6632

255.0000, 0.0000,
0.0000

■ 97.0530, 59.6269,
-85.1155

■ 181.1320, 36.4169,
-60.6288

■ 79.1860, 54.6313,
-69.4461

■ 207.1470, 23.5915,
-53.6259

■ 62.4930, 49.0570,
-54.8064

■ 231.9770, 11.3503,
-47.3378

■ 46.6150, 44.0668,
-40.8814

■ 241.5450, 6.6333,
-27.6650

■ 32.4980, 38.2085,
-28.5007

■ 250.8140, 2.0637,
-8.6069

■ 14.9730, 34.5233,
-13.1313

■ 10.4760, 24.9083,

-9.1875

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 119.5190, 62.8481,
-91.6632

■ 119.5190, 62.8481,
-91.6632

■ 111.5120, 66.7956,
-97.7960

■ 133.4510, 55.9797,
-81.9565

■ 146.4970, 49.5480,
-72.3499

■ 160.4290, 42.6795,
-62.6432

■ 173.7740, 36.1004,
-52.4218

■ 187.7060, 29.2319,
-42.7152

■ 200.7520, 22.8003,
-33.1085

■ 214.6840, 15.9318,
-23.4019

■ 228.0290, 9.3527,
-13.1804

■ 241.6620, 2.6316,
-4.0886

Harmonies

Analogous

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



121.4110, 56.4924, -106.4774



119.5190, 62.8481, -91.6632



147.4020, 40.7208, 5.7864

Triad

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



119.5190, 62.8481, -91.6632



141.2630, -25.2727, 79.5763



110.2940, -6.5539, -91.4658

Complementary

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



119.5190, 62.8481, -91.6632



142.4810, -62.8481, 91.6632

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.



132.1620, -39.5199, -17.6821



119.5190, 62.8481, -91.6632



140.5550, -45.1366, 57.3953

Square

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



119.5190, 62.8481, -91.6632



142.2890, -1.1285, 82.1845



137.1690, -53.3273, 24.4078



116.3030, 16.6126, -101.9977

Rectangle

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



119.5190, 62.8481, -91.6632



148.4190, 28.3874, 41.7285



137.1690, -53.3273, 24.4078



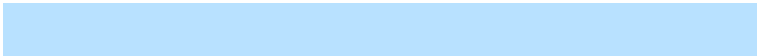
123.6380, -21.5135, -53.1795

Sweetspot

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



119.5190, 62.8481, -91.6632



216.1610, 19.1476, -28.2052



162.2420, -24.7693, -129.1312



103.6910, 11.9843, -17.2690



0.0000, 0.0000, 0.0000



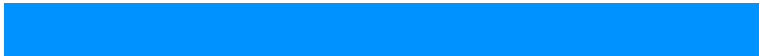
128.0000, 0.0000, 0.0000

Same Dimension

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



119.5190, 62.8481, -91.6632



114.7720, 69.1324, -100.6550



52.6010, 95.8387, -32.9761



115.4770, 3.2158, -4.8033



84.0130, 50.2796, -73.6794



26.6840, 15.9318, -23.4019

Inverse Universe

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



99.5300, 23.8957, 129.3312



92.8890, 26.1837, 142.1713



209.3990, -95.8387, 32.9761



114.3860, 1.2887, 6.6775



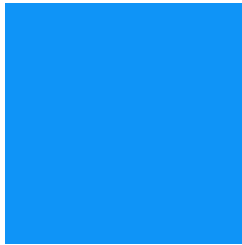
67.8120, 19.3197, 103.6509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 119.5190, 62.8481, -91.6632 looks on a white background.

Color Contrast Check

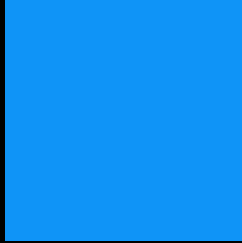
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.5190, 62.8481, -91.6632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

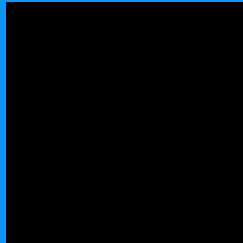
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

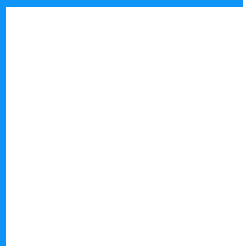
Any Text WCAG AAA × Fail

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

YUV 119.5190, 62.8481, -91.6632 Background



This preview shows how black text looks on a background with the YUV color 119.5190, 62.8481, -91.6632.



This preview shows how white text looks on a background with the YUV color 119.5190, 62.8481, -91.6632.

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

119.5190, 62.8481, -91.6632

Protanopia

139.9240, 48.8445, -33.2593

Deuteranopia

131.6260, 57.3724, -61.9390



Tritanopia

112.7130, 28.2425, -98.8493

Trichromacy



Original Color

119.5190, 62.8481, -91.6632

Protanomaly

132.4590, 54.0037, -54.7765

Deuteranomaly

127.1300, 59.5889, -72.9050

Tritanomaly

115.0520, 40.8934, -96.5156

Monochromacy



Original Color

119.5190, 62.8481, -91.6632

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7520, 22.8003, -33.1085

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5190, 62.8481, -91.6632 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(15, 148, 247)` looks like.

```
.text, #text, p{  
    color:rgb(15, 148, 247)  
}
```

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(15, 148, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 148, 247) }
```

Border

The CSS property to change the border of an element to YUV 119.5190, 62.8481, -91.6632 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(15, 148, 247) }
```


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

```
.border{ border-color:rgb(15, 148, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 148, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 148, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 148, 247);  
box-shadow:4px 4px 4px 4px rgb(15, 148,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 119.5190, 62.8481, -91.6632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 148, 247) }
```

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

```
.background{ background-color: rgb(15, 148,  
247) }
```

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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