

Converting Colors

YUV(121.0320, 54.7072,
-93.8671)

Have a look what the booklet for
YUV(121.0320, 54.7072, -93.8671)
contains.

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Color

**YUV(121.0320, 54.7072,
-93.8671)**

Conversions

Conversions Part 1

Format	Color
Hex	0E9AE8
RGB	14, 154, 232
RGB Percent	5%, 60%, 91%
CMY	0.9451, 0.3961, 0.0902
CMYK	0.94, 0.34, 0.00, 0.09
HSL	201°, 89%, 48%
HSV	201°, 94%, 91%
XYZ	26.3022, 29.0308, 80.5612
YIQ	121.0320, -108.4780, -5.4220

Conversions

Conversions Part 2

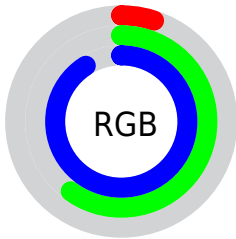
Format	Color
R _Y B	14, 99, 232
Decimal	957160
CIE Lab	60.81, -5.24, -48.46
CIE LCh	61, 48.746, 263.823
Yxy	29.0308, 0.1935, 0.2136
Android (android.graphics.Color)	4279147240 (0xFF0E9AE8)
YUV	121.0320, 54.7072, -93.8671
Hunter-Lab	53.8802, -7.1537, -50.9337

Details

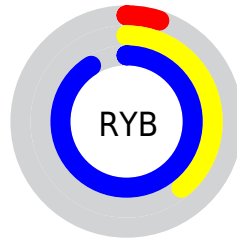
The YUV color **121.0320, 54.7072, -93.8671** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **124.9680, -54.7072, 93.8671**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.7570, 35.1228, -65.5619**, and **80.5250, 47.0692, -70.6204** is the 20% darker color. If you saturate the color by 10%, you get **113.9110, 58.2179, -99.8999**, and if you desaturate by 10%, it is **132.6050, 49.0017, -83.8456**.

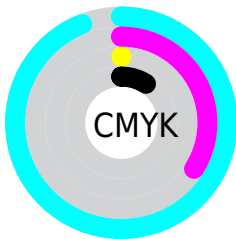
Distribution



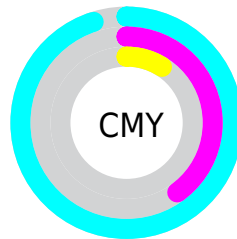
- Red (5%)
- Green (60%)
- Blue (91%)



- Red (5%)
- Yellow (39%)
- Blue (91%)



- Cyan (94%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)



- Cyan (95%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0320, 54.7072, -93.8671 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 121.0320, 54.7072, -93.8671 by changing the saturation by 10% instead.

■ 121.0320, 54.7072,
-93.8671

■ 121.0320, 54.7072,
-93.8671

255.0000, 0.0000,
0.0000

■ 98.3920, 52.0647,
-86.2898

■ 183.7570, 35.1228,
-65.5619

■ 80.5250, 47.0692,
-70.6204

■ 210.0600, 22.1554,
-59.6886

■ 63.9460, 41.9316,
-56.0806

■ 230.4820, 12.0874,
-50.4117

■ 47.4810, 37.2309,
-41.6408

■ 240.0500, 7.3704,
-30.7388

■ 32.1900, 31.9513,
-28.2306

■ 249.3190, 2.8007,
-11.6808

■ 16.5400, 27.8348,
-14.5056

■ 8.0480, 20.6823,

-7.0581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 121.0320, 54.7072,
-93.8671

■ 121.0320, 54.7072,
-93.8671

■ 113.9110, 58.2179,
-99.8999

■ 132.6050, 49.0017,
-83.8456

■ 144.7650, 43.0069,
-74.3389

■ 156.6370, 37.1540,
-63.7026

■ 168.2100, 31.4485,
-53.6812

■ 180.3700, 25.4536,
-44.1745

■ 191.9430, 19.7481,
-34.1530

■ 203.5160, 14.0426,
-24.1315

■ 215.3880, 8.1897,
-13.4953

■ 227.5480, 2.1948,
-3.9886

Harmonies

Analogous

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



120.7780, 46.4514, -105.9223



121.0320, 54.7072, -93.8671



147.7220, 38.5911, -11.1572

Triad

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



121.0320, 54.7072, -93.8671



146.3140, -15.9308, 69.8846



131.8120, -18.6413, -41.0541

Complementary

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



121.0320, 54.7072, -93.8671



124.9680, -54.7072, 93.8671

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.



139.2440, -37.0953, -1.9680



121.0320, 54.7072, -93.8671



145.0570, -33.0591, 56.9550

Square

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



121.0320, 54.7072, -93.8671



148.5470, 4.1673, 63.5413



142.9000, -41.8557, 31.6597



114.1200, 10.7868, -100.0832

Rectangle

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



121.0320, 54.7072, -93.8671



150.7000, 28.7419, 21.3111



142.9000, -41.8557, 31.6597



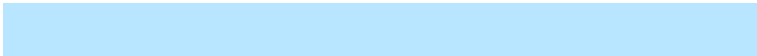
134.9510, -26.1048, -27.1440

Sweetspot

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



121.0320, 54.7072, -93.8671



218.5090, 17.9901, -30.2644



150.6300, -29.8906, -119.8245



105.4520, 11.1162, -18.8134



0.0000, 0.0000, 0.0000



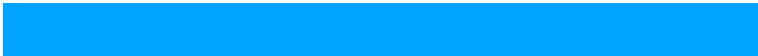
128.0000, 0.0000, 0.0000

Same Dimension

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



121.0320, 54.7072, -93.8671



125.3380, 63.9234, -109.9214



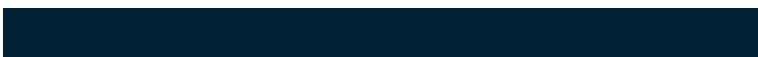
58.2230, 85.6721, -38.7836



109.0640, 2.9264, -5.3181



87.9110, 44.9069, -77.0979



25.1850, 12.7268, -22.0872

Inverse Universe

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



95.1420, 29.0170, 120.0245



94.9410, 34.0461, 140.3717



187.7770, -85.6721, 38.7836



107.5000, 1.7255, 6.5775



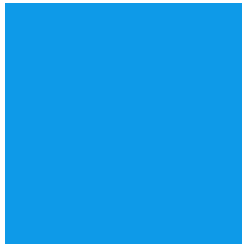
66.6310, 23.8459, 98.5476



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 121.0320, 54.7072, -93.8671 looks on a white background.

Color Contrast Check

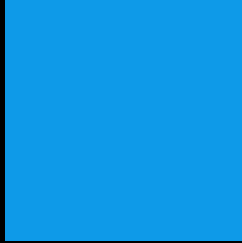
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.0320, 54.7072, -93.8671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

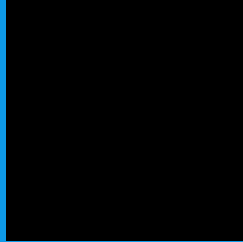
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

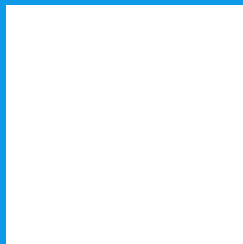
Any Text WCAG AAA × Fail

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

YUV 121.0320, 54.7072, -93.8671 Background



This preview shows how black text looks on a background with the YUV color 121.0320, 54.7072, -93.8671.



This preview shows how white text looks on a background with the YUV color 121.0320, 54.7072, -93.8671.

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

121.0320, 54.7072, -93.8671

Protanopia

144.2320, 38.3396, -23.8825

Deuteranopia

140.4840, 46.1034, -40.7665



Tritanopia

114.9300, 29.1215, -100.7936

Trichromacy



Original Color

121.0320, 54.7072, -93.8671

Protanomaly

135.9730, 44.3833, -49.0883

Deuteranomaly

133.4600, 49.0732, -60.0394

Tritanomaly

117.0580, 38.4254, -98.2749

Monochromacy



Original Color

121.0320, 54.7072, -93.8671

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9430, 19.7481, -34.1530

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0320, 54.7072, -93.8671 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(14, 154, 232)` looks like.

```
.text, #text, p{  
    color:rgb(14, 154, 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(14, 154, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 154, 232) }
```

Border

The CSS property to change the border of an element to YUV 121.0320, 54.7072, -93.8671 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(14, 154, 232) }
```


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

```
.border{ border-color:rgb(14, 154, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 154, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 154, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 154, 232);  
box-shadow:4px 4px 4px 4px rgb(14, 154,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 121.0320, 54.7072, -93.8671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 154, 232) }
```

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

```
.background{ background-color: rgb(14, 154,  
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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