

Converting Colors

YUV(111.0580, 62.0894,
-81.6119)

Have a look what the booklet for
YUV(111.0580, 62.0894, -81.6119)
contains.

YUV(111.0580, 62.0894, -81.6119)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(111.0580, 62.0894,
-81.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	1286ED
RGB	18, 134, 237
RGB Percent	7%, 53%, 93%
CMY	0.9294, 0.4745, 0.0706
CMYK	0.92, 0.43, 0.00, 0.07
HSL	208°, 86%, 50%
HSV	208°, 92%, 93%
XYZ	24.0606, 23.2932, 83.3487
YIQ	111.0580, -102.1990, 7.4410

Conversions

Conversions Part 2

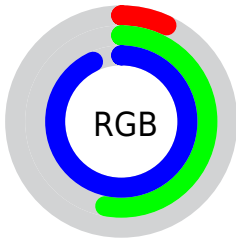
Format	Color
R_{YB}	18, 94, 237
Decimal	1214189
CIE _{Lab}	55.37, 8.65, -59.90
CIE _{LCh}	55, 60.519, 278.220
Yxy	23.2932, 0.1841, 0.1782
Android (android.graphics.Color)	4279404269 (0xFF1286ED)
YUV	111.0580, 62.0894, -81.6119
Hunter-Lab	48.2630, 4.5274, -68.6077

Details

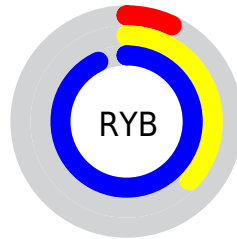
The YUV color **111.0580, 62.0894, -81.6119** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **143.9420, -62.0894, 81.6119**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0280, 40.9052, -53.5216**, and **70.4150, 54.0254, -61.7540** is the 20% darker color. If you saturate the color by 10%, you get **100.9800, 67.0579, -88.5595**, and if you desaturate by 10%, it is **124.6910, 55.3683, -72.5200**.

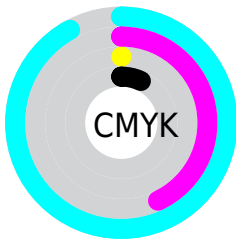
Distribution



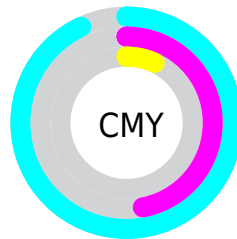
- Red (7%)
- Green (53%)
- Blue (93%)



- Red (7%)
- Yellow (37%)
- Blue (93%)



- Cyan (92%)
- Magenta (43%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0580, 62.0894, -81.6119 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 111.0580, 62.0894, -81.6119 by changing the saturation by 10% instead.

■ 111.0580, 62.0894,
-81.6119

■ 111.0580, 62.0894,
-81.6119

■ 255.0000, 0.0000,
0.0000

■ 87.6950, 59.3104,
-76.9085

■ 172.0280, 40.9052,
-53.5216

■ 70.4150, 54.0254,
-61.7540

■ 197.7440, 28.2272,
-47.1335

■ 54.4230, 48.5985,
-47.7290

■ 223.4490, 15.5546,
-42.4898

■ 39.0180, 42.8821,
-34.2188

■ 240.6480, 7.0755,
-29.5093

■ 25.0150, 37.4606,
-21.9382

■ 249.9170, 2.5059,
-10.4512

■ 13.9470, 30.5921,
-12.2315

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 111.0580, 62.0894,
-81.6119

■ 111.0580, 62.0894,
-81.6119

■ 100.9800, 67.0579,
-88.5595

■ 124.6910, 55.3683,
-72.5200

■ 138.0250, 48.7947,
-64.0429

■ 151.6580, 42.0736,
-54.9511

■ 165.8780, 35.0631,
-46.3740

■ 179.2120, 28.4895,
-37.8969

■ 192.8450, 21.7684,
-28.8051

■ 206.4780, 15.0473,
-19.7132

■ 220.1110, 8.3263,
-10.6213

■ 233.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



113.6830, 57.3443, -99.7000



111.0580, 62.0894, -81.6119



136.1150, 39.3833, 14.8081

Triad

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



111.0580, 62.0894, -81.6119



127.7530, -28.4722, 79.1466



101.3590, -5.1070, -88.8918

Complementary

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



111.0580, 62.0894, -81.6119



143.9420, -62.0894, 81.6119

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.



118.2750, -37.6036, -25.6742



111.0580, 62.0894, -81.6119



127.6810, -49.6357, 53.7768

Square

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



111.0580, 62.0894, -81.6119



128.2140, -4.0495, 85.7583



122.6000, -60.4418, 19.6448



108.8030, 18.3381, -95.4202

Rectangle

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



111.0580, 62.0894, -81.6119



135.6050, 26.3237, 50.3354



122.6000, -60.4418, 19.6448



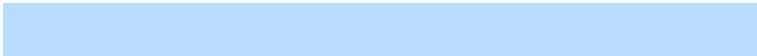
102.7320, -14.1649, -76.9410

Sweetspot

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



111.0580, 62.0894, -81.6119



213.8130, 20.3052, -26.1460



158.1810, -18.8232, -122.9387



102.5170, 12.5631, -16.2394



0.0000, 0.0000, 0.0000



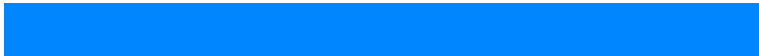
128.0000, 0.0000, 0.0000

Same Dimension

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



111.0580, 62.0894, -81.6119



108.3150, 72.3157, -94.9923



47.0750, 93.6330, -25.4988



110.7760, 3.0684, -4.1886



76.9860, 51.2789, -67.5167



22.5920, 15.4841, -19.8132

Inverse Universe

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



96.7050, 18.3864, 123.0387



91.6350, 21.3789, 143.2711



207.9250, -93.6330, 25.4988



109.9730, 0.9993, 6.1627



65.0630, 15.2519, 101.6767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 111.0580, 62.0894, -81.6119 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 111.0580, 62.0894, -81.6119 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

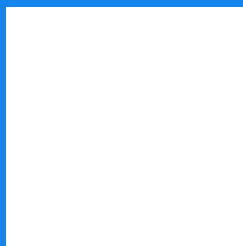
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.0580, 62.0894, -81.6119

Background



This preview shows how black text looks on a background with the YUV color 111.0580, 62.0894, -81.6119.



This preview shows how white text looks on a background with the YUV color 111.0580, 62.0894, -81.6119.

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

111.0580, 62.0894, -81.6119

Protanopia

126.5860, 51.4761, -37.3479

Deuteranopia

111.3570, 61.9420, -80.9971



Tritanopia

103.4860, 25.8894, -90.7572

Trichromacy



Original Color

111.0580, 62.0894, -81.6119

Protanomaly

120.8120, 55.3087, -53.3321

Deuteranomaly

111.3570, 61.9420, -80.9971

Tritanomaly

106.5370, 38.6823, -87.2939

Monochromacy



Original Color

111.0580, 62.0894, -81.6119

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.7740, 22.7894, -29.6198

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0580, 62.0894, -81.6119 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(18, 134, 237)` looks like.

```
.text, #text, p{  
    color:rgb(18, 134, 237)  
}
```

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(18, 134, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 134, 237) }
```

Border

The CSS property to change the border of an element to YUV 111.0580, 62.0894, -81.6119 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(18, 134, 237) }
```


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

```
.border{ border-color:rgb(18, 134, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 134, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 134, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 134, 237);  
box-shadow:4px 4px 4px 4px rgb(18, 134,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 111.0580, 62.0894, -81.6119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 134, 237) }
```

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

```
.background{ background-color: rgb(18, 134,  
237) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor