

Converting Colors

YUV(120.5150, 58.9061,
-87.2747)

Have a look what the booklet for
YUV(120.5150, 58.9061, -87.2747)
contains.

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Color

**YUV(120.5150, 58.9061,
-87.2747)**

Conversions

Conversions Part 1

Format	Color
Hex	1594F0
RGB	21, 148, 240
RGB Percent	8%, 58%, 94%
CMY	0.9176, 0.4196, 0.0588
CMYK	0.91, 0.38, 0.00, 0.06
HSL	205°, 88%, 51%
HSV	205°, 91%, 94%
XYZ	26.6273, 27.6305, 86.3679
YIQ	120.5150, -105.2240, 1.6880

Conversions

Conversions Part 2

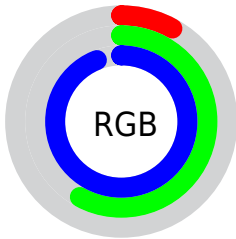
Format	Color
R _Y B	21, 101, 240
Decimal	1414384
CIE Lab	59.55, 1.50, -54.87
CIE LCh	60, 54.893, 271.569
Yxy	27.6305, 0.1893, 0.1965
Android (android.graphics.Color)	4279604464 (0xFF1594F0)
YUV	120.5150, 58.9061, -87.2747
Hunter-Lab	52.5647, -1.5668, -60.6227

Details

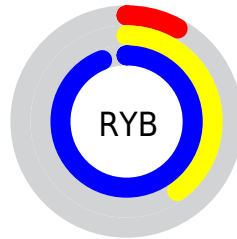
The YUV color **120.5150, 58.9061, -87.2747** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **140.4850, -58.9061, 87.2747**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.1320, 36.4169, -60.6288**, and **78.3880, 51.5737, -68.7463** is the 20% darker color. If you saturate the color by 10%, you get **108.9530, 64.6062, -95.5518**, and if you desaturate by 10%, it is **133.5610, 52.4744, -77.6680**.

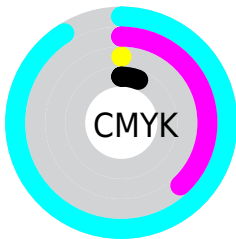
Distribution



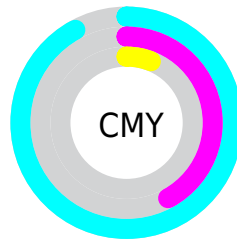
- Red (8%)
- Green (58%)
- Blue (94%)



- Red (8%)
- Yellow (40%)
- Blue (94%)



- Cyan (91%)
- Magenta (38%)
- Yellow (0%)
- Black (6%)



- Cyan (92%)
- Magenta (42%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.5150, 58.9061, -87.2747 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 120.5150, 58.9061, -87.2747 by changing the saturation by 10% instead.

■ 120.5150, 58.9061,
-87.2747

■ 120.5150, 58.9061,
-87.2747

255.0000, 0.0000,
0.0000

■ 96.2550, 56.5693,
-84.4156

■ 181.1320, 36.4169,
-60.6288

■ 78.3880, 51.5737,
-68.7463

■ 207.4350, 23.4495,
-54.7555

■ 61.8090, 46.4362,
-54.2065

■ 231.6780, 11.4977,
-47.9526

■ 45.8170, 41.0092,
-40.1815

■ 240.9470, 6.9281,
-28.8945

■ 31.2270, 35.8771,
-27.3861

■ 250.5150, 2.2111,
-9.2217

■ 14.8760, 31.6131,
-13.0463

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 120.5150, 58.9061,
-87.2747

■ 120.5150, 58.9061,
-87.2747

■ 108.9530, 64.6062,
-95.5518

■ 133.5610, 52.4744,
-77.6680

■ 146.6070, 46.0427,
-68.0613

■ 159.6530, 39.6111,
-58.4547

■ 172.6990, 33.1794,
-48.8480

■ 185.7450, 26.7477,
-39.2414

■ 198.7910, 20.3160,
-29.6347

■ 212.4240, 13.5950,
-20.5428

■ 225.4700, 7.1633,
-10.9362

■ 238.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



119.9120, 53.2874, -105.1628



120.5150, 58.9061, -87.2747



146.3260, 39.2793, 1.4681

Triad

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



120.5150, 58.9061, -87.2747



141.3380, -22.3516, 76.0026



119.3680, -12.0134, -66.9747

Complementary

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



120.5150, 58.9061, -87.2747



140.4850, -58.9061, 87.2747

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.



132.5370, -38.2257, -12.7489



120.5150, 58.9061, -87.2747



140.5810, -41.2054, 56.4955

Square

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



120.5150, 58.9061, -87.2747



143.1850, -0.0912, 76.1368



137.6190, -49.1122, 25.7671



114.5590, 15.0074, -100.4682

Rectangle

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



120.5150, 58.9061, -87.2747



147.8590, 27.6775, 36.0807



137.6190, -49.1122, 25.7671



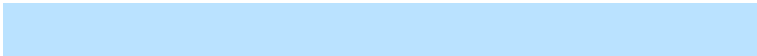
126.3510, -22.8510, -44.1578

Sweetspot

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



120.5150, 58.9061, -87.2747



217.3460, 18.5634, -27.4904



159.9270, -23.6280, -121.8390



105.1750, 11.2527, -15.9395



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.



120.5150, 58.9061, -87.2747



115.9460, 68.5536, -101.6846



56.5320, 90.4497, -31.1616



113.4770, 3.2158, -4.8033



83.1980, 49.6954, -72.9646



25.7550, 14.9108, -22.5871

Inverse Universe

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



100.9590, 23.1912, 121.9390



93.1170, 27.0573, 141.9714



204.4680, -90.4497, 31.1616



112.3860, 1.2887, 6.6775



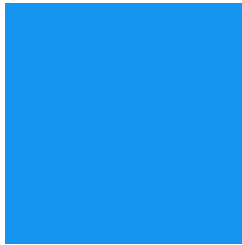
67.1000, 19.1777, 102.5213



20.5060, 6.1595, 31.1282

Previews

White Background



This preview shows how the YUV color 120.5150, 58.9061, -87.2747 looks on a white background.

Color Contrast Check

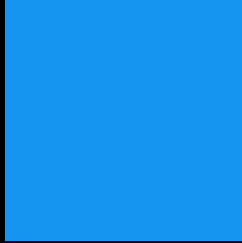
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.5150, 58.9061, -87.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

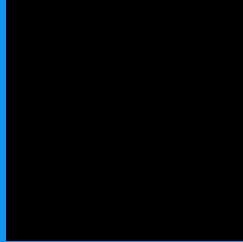
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

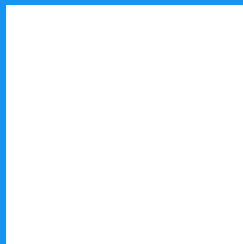
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.5150, 58.9061, -87.2747

Background



This preview shows how black text looks on a background with the YUV color 120.5150, 58.9061, -87.2747.



This preview shows how white text looks on a background with the YUV color 120.5150, 58.9061, -87.2747.

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

120.5150, 58.9061, -87.2747

Protanopia

139.7350, 45.4866, -29.5856

Deuteranopia

133.5300, 52.9827, -53.9618



Tritanopia

112.1260, 28.5319, -98.3345

Trichromacy



Original Color

120.5150, 58.9061, -87.2747

Protanomaly

132.5690, 50.4985, -50.4880

Deuteranomaly

128.4360, 55.4941, -66.1574

Tritanomaly

115.0200, 39.4301, -93.8565

Monochromacy



Original Color

120.5150, 58.9061, -87.2747

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0080, 21.1951, -31.5790

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5150, 58.9061, -87.2747 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, 148, 240)` looks like.

```
.text, #text, p{  
    color:rgb(21, 148, 240)  
}
```

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, 148, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 148, 240) }
```

Border

The CSS property to change the border of an element to YUV 120.5150, 58.9061, -87.2747 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, 148, 240) }
```


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

```
.border{ border-color:rgb(21, 148, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 148, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 148, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 148, 240);  
box-shadow:4px 4px 4px 4px rgb(21, 148,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 120.5150, 58.9061, -87.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 148, 240) }
```

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

```
.background{ background-color: rgb(21, 148,  
240) }
```

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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