

Converting Colors

YUV(127.9620, 57.6997,
-73.6347)

Have a look what the booklet for
YUV(127.9620, 57.6997, -73.6347)
contains.

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Color

**YUV(127.9620, 57.6997,
-73.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	2C94F5
RGB	44, 148, 245
RGB Percent	17%, 58%, 96%
CMY	0.8275, 0.4196, 0.0392
CMYK	0.82, 0.40, 0.00, 0.04
HSL	209°, 91%, 57%
HSV	209°, 82%, 96%
XYZ	28.1100, 28.3079, 90.3686
YIQ	127.9620, -93.1210, 8.1190

Conversions

Conversions Part 2

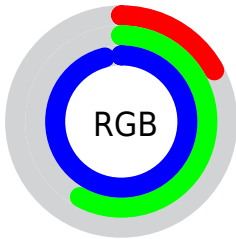
Format	Color
R _Y B	44, 113, 245
Decimal	2921717
CIE Lab	60.17, 4.83, -56.63
CIE LCh	60, 56.838, 274.872
Yxy	28.3079, 0.1915, 0.1929
Android (android.graphics.Color)	4281111797 (0xFF2C94F5)
YUV	127.9620, 57.6997, -73.6347
Hunter-Lab	53.2051, 1.1985, -63.4601

Details

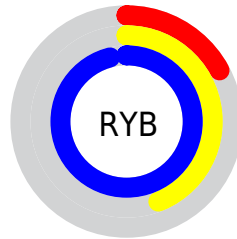
The YUV color **127.9620, 57.6997, -73.6347** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **161.0380, -57.6997, 73.6347**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.1220, 34.9429, -54.4810**, and **78.9580, 53.7577, -69.2462** is the 20% darker color. If you saturate the color by 10%, you get **113.4430, 64.8576, -82.8265**, and if you desaturate by 10%, it is **142.1820, 50.6893, -65.0576**.

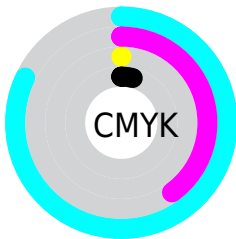
Distribution



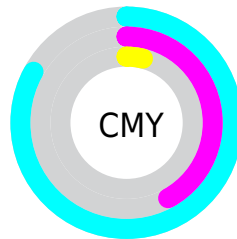
- Red (17%)
- Green (58%)
- Blue (96%)



- Red (17%)
- Yellow (44%)
- Blue (96%)



- Cyan (82%)
- Magenta (40%)
- Yellow (0%)
- Black (4%)



- Cyan (83%)
- Magenta (42%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.9620, 57.6997, -73.6347 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 127.9620, 57.6997, -73.6347 by changing the saturation by 10% instead.

■ 127.9620, 57.6997,
-73.6347

■ 127.9620, 57.6997,
-73.6347

■ 255.0000, 0.0000,
0.0000

■ 96.8250, 58.7533,
-84.9155

■ 184.1220, 34.9429,
-54.4810

■ 78.9580, 53.7577,
-69.2462

■ 209.5390, 22.4123,
-48.7077

■ 62.3790, 48.6202,
-54.7064

■ 234.3690, 10.1711,
-42.4196

■ 46.3870, 43.1932,
-40.6814

■ 243.6380, 5.6015,
-23.3615

■ 31.6830, 37.6243,
-27.7860

■ 252.9070, 1.0318,
-4.3034

■ 14.1580, 33.9391,
-12.4166

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 127.9620, 57.6997,
-73.6347

■ 127.9620, 57.6997,
-73.6347

■ 113.4430, 64.8576,
-82.8265

■ 142.1820, 50.6893,
-65.0576

■ 102.4790, 70.2629,
-89.8741

■ 156.7010, 43.5314,
-55.8658

■ 170.6330, 36.6629,
-46.1591

■ 184.8530, 29.6525,
-37.5821

■ 199.0730, 22.6420,
-29.0050

■ 213.5920, 15.4841,
-19.8132

■ 227.8120, 8.4737,
-11.2361

■ 242.3310, 1.3158,
-2.0443

■ 253.2730, -4.0786,
1.5146

Harmonies

Analogous

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



121.2970, 56.0556, -106.3775



127.9620, 57.6997, -73.6347



148.3700, 39.2576, 8.4455

Triad

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



127.9620, 57.6997, -73.6347



142.1380, -25.7040, 77.9320



112.7290, -6.2754, -87.4623

Complementary

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



127.9620, 57.6997, -73.6347



161.0380, -57.6997, 73.6347

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.



132.7320, -37.3359, -18.1820



127.9620, 57.6997, -73.6347



141.7720, -44.2576, 55.4510

Square

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



127.9620, 57.6997, -73.6347



143.6370, -2.2860, 80.1254



138.1410, -50.8485, 22.6783



116.5310, 17.4862, -102.1977

Rectangle

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



127.9620, 57.6997, -73.6347



149.2620, 26.4928, 42.7432



138.1410, -50.8485, 22.6783



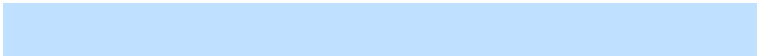
124.9800, -20.2031, -53.4795

Sweetspot

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



127.9620, 57.6997, -73.6347



217.6670, 18.4052, -23.3870



172.7030, -17.1086, -112.8725



105.1860, 11.2473, -14.1951



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.



127.9620, 57.6997, -73.6347



109.2230, 71.8681, -91.4036



71.0230, 85.7707, -23.6992



114.8900, 3.5052, -4.2885



77.5560, 53.4629, -68.0166



24.3360, 17.0894, -21.3427

Inverse Universe

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



115.9550, 15.7982, 113.1725



94.4560, 19.4952, 140.7971



217.9770, -85.7707, 23.6992



114.2720, 0.8519, 6.7775



66.5580, 14.5149, 104.7506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 127.9620, 57.6997, -73.6347 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 127.9620, 57.6997, -73.6347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

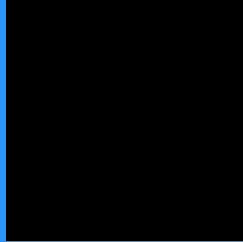
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

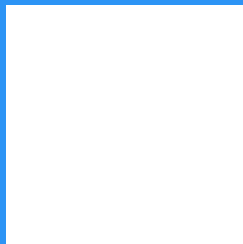
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.9620, 57.6997, -73.6347

Background



This preview shows how black text looks on a background with the YUV color 127.9620, 57.6997, -73.6347.



This preview shows how white text looks on a background with the YUV color 127.9620, 57.6997, -73.6347.

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

127.9620, 57.6997, -73.6347

Protanopia

140.9950, 47.8235, -32.4446

Deuteranopia

133.7900, 55.3195, -56.8208



Tritanopia

113.5280, 28.8267, -99.5641

Trichromacy



Original Color

127.9620, 57.6997, -73.6347

Protanomaly

136.5200, 51.5086, -47.8140

Deuteranomaly

131.6860, 56.3568, -62.8686

Tritanomaly

119.0420, 39.4193, -90.3678

Monochromacy



Original Color

127.9620, 57.6997, -73.6347

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7420, 21.3262, -26.9607

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9620, 57.6997, -73.6347 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(44, 148, 245)` looks like.

```
.text, #text, p{  
    color:rgb(44, 148, 245)  
}
```

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(44, 148, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 148, 245) }
```

Border

The CSS property to change the border of an element to YUV 127.9620, 57.6997, -73.6347 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(44, 148, 245) }
```


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

```
.border{ border-color:rgb(44, 148, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 148, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 148, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 148, 245);  
box-shadow:4px 4px 4px 4px rgb(44, 148,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 127.9620, 57.6997, -73.6347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 148, 245) }
```

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

```
.background{ background-color: rgb(44, 148,  
245) }
```

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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