

Converting Colors

YUV(127.0640, 42.8594,
-73.7241)

Have a look what the booklet for
YUV(127.0640, 42.8594, -73.7241)
contains.

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Color

**YUV(127.0640, 42.8594,
-73.7241)**

Conversions

Conversions Part 1

Format	Color
Hex	2B99D6
RGB	43, 153, 214
RGB Percent	17%, 60%, 84%
CMY	0.8314, 0.4000, 0.1608
CMYK	0.80, 0.29, 0.00, 0.16
HSL	201°, 68%, 50%
HSV	201°, 80%, 84%
XYZ	24.5251, 28.1511, 67.7594
YIQ	127.0640, -85.1410, -4.3490

Conversions

Conversions Part 2

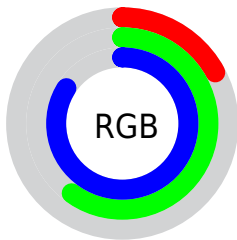
Format	Color
R _Y B	43, 110, 214
Decimal	2857430
CIE Lab	60.02, -9.38, -39.67
CIE LCh	60, 40.768, 256.703
Yxy	28.1511, 0.2036, 0.2337
Android (android.graphics.Color)	4281047510 (0xFF2B99D6)
YUV	127.0640, 42.8594, -73.7241
Hunter-Lab	53.0576, -10.3418, -38.5784

Details

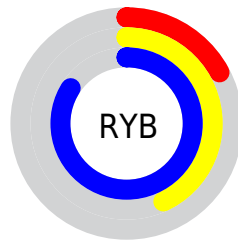
The YUV color **127.0640, 42.8594, -73.7241** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **129.9360, -42.8594, 73.7241**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9640, 34.5277, -61.3584**, and **78.0000, 39.9330, -68.4060** is the 20% darker color. If you saturate the color by 10%, you get **116.0890, 48.2701, -82.5161**, and if you desaturate by 10%, it is **138.0390, 37.4488, -64.9322**.

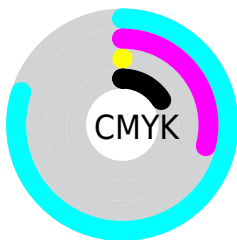
Distribution



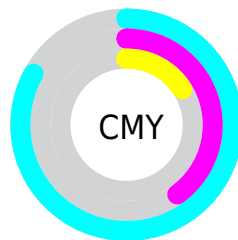
- Red (17%)
- Green (60%)
- Blue (84%)



- Red (17%)
- Yellow (43%)
- Blue (84%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (83%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0640, 42.8594, -73.7241 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 127.0640, 42.8594, -73.7241 by changing the saturation by 10% instead.

■ 127.0640, 42.8594,
-73.7241

■ 127.0640, 42.8594,
-73.7241

■ 255.0000, 0.0000,
0.0000

■ 95.7530, 44.4918,
-83.9754

■ 184.9640, 34.5277,
-61.3584

■ 78.0000, 39.9330,
-68.4060

■ 210.6690, 21.8552,
-56.7147

■ 60.9480, 35.5216,
-53.4514

■ 231.6780, 11.4977,
-47.9526

■ 45.0700, 30.5315,
-39.5264

■ 240.6480, 7.0755,
-29.5093

■ 29.8930, 25.6888,
-26.2162

■ 249.9170, 2.5059,
-10.4512

■ 10.2480, 24.0347,
-8.9875

■ 5.2780, 15.1459,

-4.6288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 127.0640, 42.8594,
-73.7241

■ 127.0640, 42.8594,
-73.7241

■ 116.0890, 48.2701,
-82.5161

■ 138.0390, 37.4488,
-64.9322

■ 105.4020, 53.5388,
-92.4376

■ 148.7260, 32.1801,
-55.0107

■ 159.7010, 26.7694,
-46.2188

■ 170.9750, 21.2113,
-36.8121

■ 181.3630, 16.0900,
-27.5054

■ 192.3380, 10.6794,
-18.7134

■ 203.0250, 5.4107,
-8.7919

■ 214.0000, 0.0000,
0.0000

■ 225.2740, -5.5581,
9.4067

Harmonies

Analogous

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



116.2640, 39.3098, -101.9635



127.0640, 42.8594, -73.7241



143.8260, 34.1028, -18.2644

Triad

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



127.0640, 42.8594, -73.7241



146.1430, -9.9305, 58.6336



134.5690, -20.0005, -25.0550

Complementary

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



127.0640, 42.8594, -73.7241



129.9360, -42.8594, 73.7241

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.



139.8520, -32.4650, 6.2688



127.0640, 42.8594, -73.7241



144.5000, -24.8965, 52.1815

Square

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



127.0640, 42.8594, -73.7241



148.1430, 6.8315, 48.9866



142.6750, -33.8568, 32.7340



124.8210, 1.0742, -64.7410

Rectangle

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



127.0640, 42.8594, -73.7241



148.0530, 26.5959, 9.6005



142.6750, -33.8568, 32.7340



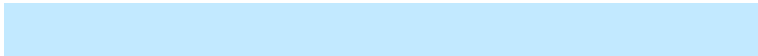
136.8540, -25.5640, -13.9040

Sweetspot

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



127.0640, 42.8594, -73.7241



223.8470, 15.3584, -26.1758



150.2170, -23.2780, -94.0293



108.7190, 9.5055, -15.5396



0.0000, 0.0000, 0.0000



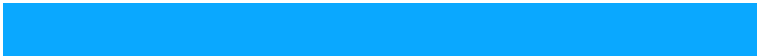
128.0000, 0.0000, 0.0000

Same Dimension

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



127.0640, 42.8594, -73.7241



130.6760, 61.2917, -105.8329



77.7560, 67.1683, -30.4810



101.3630, 2.7790, -4.7034



84.0640, 42.8594, -73.7241



21.3380, 10.6794, -18.7134

Inverse Universe

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



106.6690, 22.8412, 94.1293



101.2670, 32.8994, 134.8238



179.2440, -67.1683, 30.4810



100.0870, 1.4361, 6.0627



63.6690, 22.8412, 94.1293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 127.0640, 42.8594, -73.7241 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 127.0640, 42.8594, -73.7241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

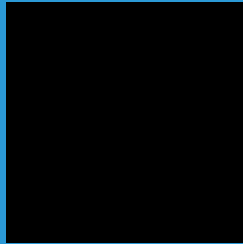
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

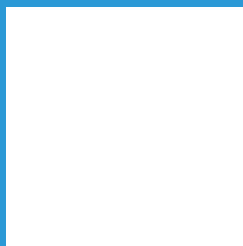
Any Text WCAG AAA × Fail

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

YUV 127.0640, 42.8594, -73.7241 Background



This preview shows how black text looks on a background with the YUV color 127.0640, 42.8594, -73.7241.

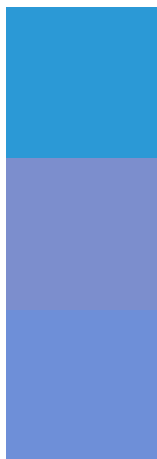


This preview shows how white text looks on a background with the YUV color 127.0640, 42.8594, -73.7241.

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

127.0640, 42.8594, -73.7241

Protanopia

143.8000, 30.1716, -17.3646

Deuteranopia

141.4550, 36.7507, -27.5860



Tritanopia

113.5280, 28.8267, -99.5641

Trichromacy



Original Color

127.0640, 42.8594, -73.7241

Protanomaly

137.8190, 34.5992, -37.5523

Deuteranomaly

136.5130, 38.6941, -44.2999

Tritanomaly

118.2610, 33.8883, -89.6829

Monochromacy



Original Color

127.0640, 42.8594, -73.7241

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.6620, 15.9426, -26.8906

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0640, 42.8594, -73.7241 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(43, 153, 214)` looks like.

```
.text, #text, p{  
    color:rgb(43, 153, 214)  
}
```

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(43, 153, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 153, 214) }
```

Border

The CSS property to change the border of an element to YUV 127.0640, 42.8594, -73.7241 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(43, 153, 214) }
```


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

```
.border{ border-color:rgb(43, 153, 214) }
```

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

Here you see how a box with a 4 pixel rgb(43, 153, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 153, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 153, 214);  
box-shadow:4px 4px 4px 4px rgb(43, 153,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 127.0640, 42.8594, -73.7241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 153, 214) }
```

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

```
.background{ background-color: rgb(43, 153,  
214) }
```

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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