

Converting Colors

YUV(127.2640, 56.0718,
-111.6105)

Have a look what the booklet for
YUV(127.2640, 56.0718, -111.6105)
contains.

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Color

**YUV(127.2640, 56.0718,
-111.6105)**

Conversions

Conversions Part 1

Format	Color
Hex	00AAF1
RGB	0, 170, 241
RGB Percent	0%, 67%, 95%
CMY	1.0000, 0.3333, 0.0549
CMYK	1.00, 0.29, 0.00, 0.05
HSL	198°, 100%, 47%
HSV	198°, 100%, 95%
XYZ	30.2519, 35.1003, 88.3997
YIQ	127.2640, -124.1110, -13.9590

Conversions

Conversions Part 2

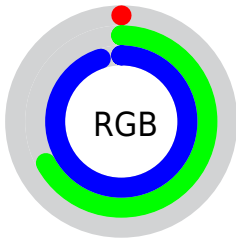
Format	Color
RYB	0, 100, 241
Decimal	43761
CIELab	65.83, -11.32, -45.50
CIELCh	66, 46.884, 256.030
Yxy	35.1003, 0.1968, 0.2283
Android (android.graphics.Color)	4278233841 (0xFF00AAF1)
YUV	127.2640, 56.0718, -111.6105
Hunter-Lab	59.2455, -12.5341, -46.9942

Details

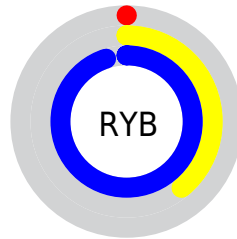
The YUV color **127.2640, 56.0718, -111.6105** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **113.7360, -56.0718, 111.6105**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7360, 30.2032, -74.3135**, and **90.3560, 46.6595, -79.2422** is the 20% darker color. If you saturate the color by 10%, you get **127.2640, 56.0718, -111.6105**, and if you desaturate by 10%, it is **138.5490, 50.5083, -100.4595**.

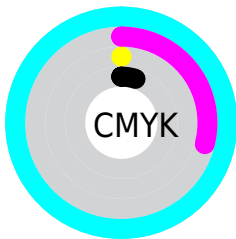
Distribution



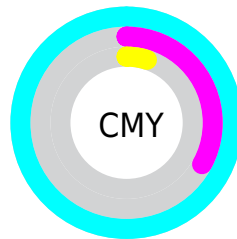
- Red (0%)
- Green (67%)
- Blue (95%)



- Red (0%)
- Yellow (39%)
- Blue (95%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (33%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.2640, 56.0718, -111.6105 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 127.2640, 56.0718, -111.6105 by changing the saturation by 10% instead.

127.2640, 56.0718,
-111.6105

127.2640, 56.0718,
-111.6105

255.0000, 0.0000,
0.0000

108.6960, 50.9289,
-95.3264

193.7360, 30.2032,
-74.3135

90.3560, 46.6595,
-79.2422

220.9250, 16.7990,
-68.3402

73.0760, 41.3745,
-64.0877

231.0800, 11.7926,
-49.1822

56.0240, 36.9632,
-49.1330

240.6480, 7.0755,
-29.5093

40.1460, 31.9730,
-35.2080

249.9170, 2.5059,
-10.4512

26.2570, 26.9883,
-23.0274

9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 127.2640, 56.0718,
-111.6105

■ 138.5490, 50.5083,
-100.4595

■ 149.8340, 44.9448,
-89.3084

■ 161.1190, 39.3813,
-78.1574

■ 172.4040, 33.8178,
-67.0063

■ 183.6890, 28.2543,
-55.8553

■ 195.8600, 22.2540,
-44.6042

■ 207.1450, 16.6905,
-33.4532

■ 218.4300, 11.1270,
-22.3021

■ 229.7150, 5.5635,
-11.1511

Harmonies

Analogous

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



129.4520, 44.1472, -113.5294



127.2640, 56.0718, -111.6105



158.2150, 40.8130, -23.8676

Triad

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



127.2640, 56.0718, -111.6105



160.9810, -10.8366, 69.2997



148.6950, -24.4996, -28.6735

Complementary

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



127.2640, 56.0718, -111.6105



113.7360, -56.0718, 111.6105

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.



154.2560, -38.5802, 7.6685



127.2640, 56.0718, -111.6105



159.2300, -28.7074, 61.1883

Square

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



127.2640, 56.0718, -111.6105



163.3550, 8.6990, 56.6937



157.8130, -39.8408, 38.7520



134.8470, 1.5544, -78.7958

Rectangle

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



127.2640, 56.0718, -111.6105



164.0190, 31.5426, 9.6303



157.8130, -39.8408, 38.7520



150.8770, -30.5054, -15.6781

Sweetspot

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



127.2640, 56.0718, -111.6105



218.7750, 17.8589, -34.8827



149.2190, -40.0410, -130.8651



106.0280, 10.8322, -21.0726



0.0000, 0.0000, 0.0000



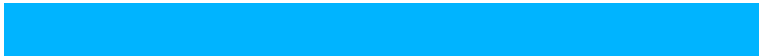
128.0000, 0.0000, 0.0000

Same Dimension

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



127.2640, 56.0718, -111.6105



134.7300, 59.2931, -118.1582



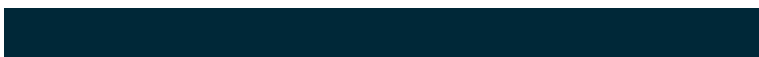
57.9980, 90.2200, -50.8642



114.0640, 2.9264, -5.3181



97.2860, 42.7500, -85.3198



29.8640, 12.8850, -26.1907

Inverse Universe

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



91.4390, 38.7306, 131.1650



96.7650, 41.0349, 138.7721



183.0020, -90.2200, 50.8642



112.5000, 1.7255, 6.5775



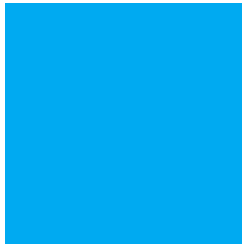
69.8360, 29.6609, 100.1218



21.3040, 9.2171, 30.4284

Previews

White Background



This preview shows how the YUV color 127.2640, 56.0718, -111.6105 looks on a white background.

Color Contrast Check

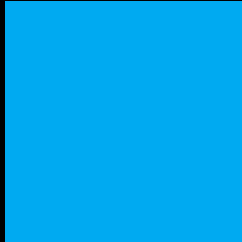
Large Text (above 18pt) WCAG AA × Fail

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 127.2640, 56.0718, -111.6105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

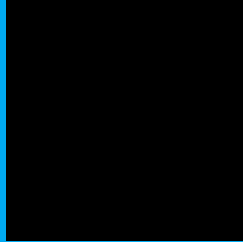
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 127.2640, 56.0718, -111.6105 Background



This preview shows how black text looks on a background with the YUV color 127.2640, 56.0718, -111.6105.



This preview shows how white text looks on a background with the YUV color 127.2640, 56.0718, -111.6105.

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

127.2640, 56.0718, -111.6105

Protanopia

158.1570, 35.4186, -20.3087

Deuteranopia

156.1320, 43.3189, -34.3188



Tritanopia

125.5590, 31.7694, -110.1152

Trichromacy



Original Color

127.2640, 56.0718, -111.6105

Protanomaly

146.8970, 42.9418, -53.4067

Deuteranomaly

145.5090, 48.0631, -62.7134

Tritanomaly

125.9640, 40.9367, -110.4704

Monochromacy



Original Color

127.2640, 56.0718, -111.6105

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.3120, 20.0592, -40.6156

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.2640, 56.0718, -111.6105 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(0, 170, 241)` looks like.

```
.text, #text, p{  
    color:rgb(0, 170, 241)  
}
```

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(0, 170, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 170, 241) }
```

Border

The CSS property to change the border of an element to YUV 127.2640, 56.0718, -111.6105 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(0, 170, 241) }
```


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

```
.border{ border-color:rgb(0, 170, 241) }
```

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

Here you see how a box with a 4 pixel rgb(0, 170, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 170, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 170, 241);  
box-shadow:4px 4px 4px 4px rgb(0, 170,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 127.2640, 56.0718, -111.6105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 170, 241) }
```

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

```
.background{ background-color: rgb(0, 170,  
241) }
```

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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