

Converting Colors

YUV(156.7420, 41.0462,
-98.8747)

Have a look what the booklet for
YUV(156.7420, 41.0462, -98.8747)
contains.

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Color

**YUV(156.7420, 41.0462,
-98.8747)**

Conversions

Conversions Part 1

Format	Color
Hex	2CC6F0
RGB	44, 198, 240
RGB Percent	17%, 78%, 94%
CMY	0.8275, 0.2235, 0.0588
CMYK	0.82, 0.17, 0.00, 0.06
HSL	193°, 87%, 56%
HSV	193°, 82%, 94%
XYZ	36.9610, 47.2149, 89.6034
YIQ	156.7420, -105.2660, -19.5860

Conversions

Conversions Part 2

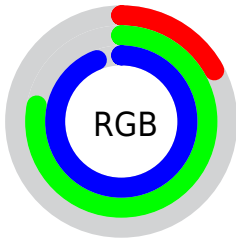
Format	Color
R _{YB}	44, 130, 240
Decimal	2934512
CIE Lab	74.33, -24.39, -31.68
CIE LCh	74, 39.983, 232.416
Yxy	47.2149, 0.2127, 0.2717
Android (android.graphics.Color)	4281124592 (0xFF2CC6F0)
YUV	156.7420, 41.0462, -98.8747
Hunter-Lab	68.7131, -24.2323, -29.2163

Details

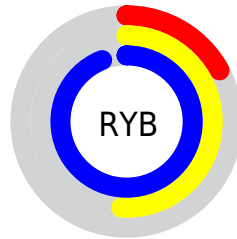
The YUV color **156.7420, 41.0462, -98.8747** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **127.2580, -41.0462, 98.8747**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5320, 19.4577, -81.1506**, and **105.5040, 38.6985, -92.5270** is the 20% darker color. If you saturate the color by 10%, you get **146.6310, 46.0309, -111.0554**, and if you desaturate by 10%, it is **166.8530, 36.0615, -86.6941**.

Distribution



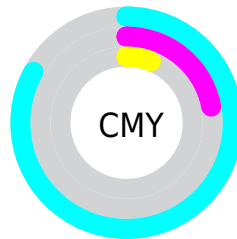
- Red (17%)
- Green (78%)
- Blue (94%)



- Red (17%)
- Yellow (51%)
- Blue (94%)



- Cyan (82%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (83%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.7420, 41.0462, -98.8747 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 156.7420, 41.0462, -98.8747 by changing the saturation by 10% instead.

■ 156.7420, 41.0462,
-98.8747

■ 156.7420, 41.0462,
-98.8747

■ 255.0000, 0.0000,
0.0000

■ 124.5450, 43.1153,
-109.2260

■ 215.5320, 19.4577,
-81.1506

■ 105.5040, 38.6985,
-92.5270

■ 225.3990, 14.5933,
-60.8629

■ 87.1640, 34.4291,
-76.4428

■ 234.6680, 10.0237,
-41.8048

■ 69.5250, 30.3072,
-60.9734

■ 244.2360, 5.3067,
-22.1320

■ 52.4730, 25.8958,
-46.0188

■ 253.5050, 0.7370,
-3.0739

■ 36.8230, 21.7793,
-32.2938

■ 22.4610, 17.5207,

-19.6983

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 156.7420, 41.0462,
-98.8747

■ 156.7420, 41.0462,
-98.8747

■ 146.6310, 46.0309,
-111.0554

■ 166.8530, 36.0615,
-86.6941

■ 138.3030, 50.1366,
-121.2917

■ 176.9640, 31.0767,
-74.5134

■ 187.0750, 26.0920,
-62.3328

■ 197.7730, 20.8179,
-50.6669

■ 207.8840, 15.8332,
-38.4863

■ 217.9950, 10.8485,
-26.3056

■ 228.1060, 5.8637,
-14.1250

■ 238.2170, 0.8790,
-1.9443

■ 246.8330, -3.3687,
7.1625

Harmonies

Analogous

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



151.4840, 28.8484, -106.5415



156.7420, 41.0462, -98.8747



173.8000, 40.0316, -53.3216

Triad

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



156.7420, 41.0462, -98.8747



187.2530, 3.3263, 53.2751



177.4600, -31.2858, 1.3506

Complementary

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



156.7420, 41.0462, -98.8747



127.2580, -41.0462, 98.8747

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.



180.7240, -34.8669, 30.0601



156.7420, 41.0462, -98.8747



185.4160, -14.0091, 60.1482

Square

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



156.7420, 41.0462, -98.8747



188.0400, 19.7003, 28.0289



183.5770, -28.3855, 51.2370



171.9210, -17.2161, -31.5027

Rectangle

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



156.7420, 41.0462, -98.8747



181.2490, 35.8662, -23.8974



183.5770, -28.3855, 51.2370



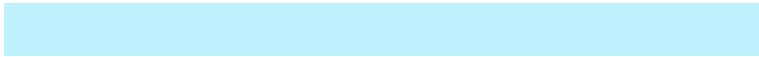
178.5430, -33.7917, 11.8018

Sweetspot

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



156.7420, 41.0462, -98.8747



227.6460, 13.4855, -32.1385



163.4980, -39.6855, -104.7997



111.0560, 8.3534, -19.3431



0.0000, 0.0000, 0.0000



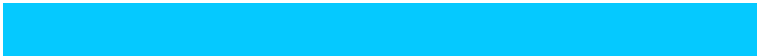
128.0000, 0.0000, 0.0000

Same Dimension

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



156.7420, 41.0462, -98.8747



148.5520, 52.4789, -125.8951



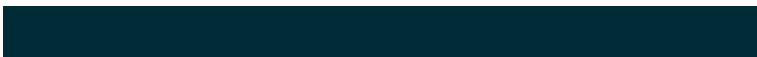
100.9770, 68.5383, -49.9688



114.6510, 2.6371, -5.8329



105.5040, 38.6985, -92.5270



32.2120, 11.7275, -28.2499

Inverse Universe

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



120.1600, 38.3751, 105.0997



102.0940, 48.7607, 134.0986



183.0230, -68.5383, 49.9688



112.6140, 2.1623, 6.4775



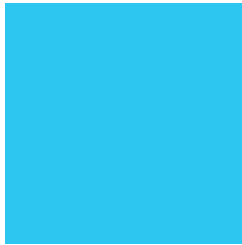
71.4320, 35.7760, 98.7221



21.7600, 10.9643, 30.0285

Previews

White Background



This preview shows how the YUV color 156.7420, 41.0462, -98.8747 looks on a white background.

Color Contrast Check

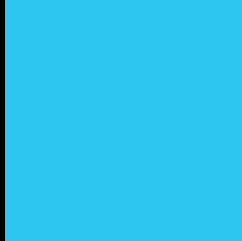
Large Text (above 18pt) WCAG AA × Fail

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 156.7420, 41.0462, -98.8747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

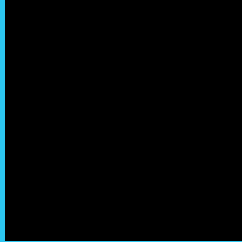
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.7420, 41.0462, -98.8747

Background



This preview shows how black text looks on a background with the YUV color 156.7420, 41.0462, -98.8747.



This preview shows how white text looks on a background with the YUV color 156.7420, 41.0462, -98.8747.

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

156.7420, 41.0462, -98.8747

Protanopia

181.7810, 22.2930, -10.3319

Deuteranopia

181.9250, 30.6030, -15.7202



Tritanopia

143.4260, 36.7650, -125.7846

Trichromacy



Original Color

156.7420, 41.0462, -98.8747

Protanomaly

172.7060, 29.2319, -42.7152

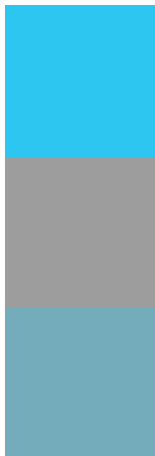
Deuteranomaly

172.7640, 34.6263, -46.2740

Tritanomaly

148.5350, 38.1902, -116.2332

Monochromacy



Original Color

156.7420, 41.0462, -98.8747

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.9660, 14.8068, -35.9272

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.7420, 41.0462, -98.8747 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, 198, 240)` looks like.

```
.text, #text, p{  
    color:rgb(44, 198, 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(44, 198, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 198, 240) }
```

Border

The CSS property to change the border of an element to YUV 156.7420, 41.0462, -98.8747 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, 198, 240) }
```


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

```
.border{ border-color:rgb(44, 198, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 198, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 198, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 198, 240);  
box-shadow:4px 4px 4px 4px rgb(44, 198,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 156.7420, 41.0462, -98.8747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 198, 240) }
```

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

```
.background{ background-color: rgb(44, 198,  
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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