

Converting Colors

YUV(144.4520, 40.6962,
-126.6844)

Have a look what the booklet for
YUV(144.4520, 40.6962, -126.6844)
contains.

YUV(144.4520, 40.6962, -126.6844)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(144.4520, 40.6962,
-126.6844)**

Conversions

Conversions Part 1

Format	Color
Hex	00CAE3
RGB	0, 202, 227
RGB Percent	0%, 79%, 89%
CMY	1.0000, 0.2078, 0.1098
CMYK	1.00, 0.11, 0.00, 0.11
HSL	187°, 100%, 45%
HSV	187°, 100%, 89%
XYZ	34.9857, 47.7871, 80.0529
YIQ	144.4520, -128.4170, -35.0490

Conversions

Conversions Part 2

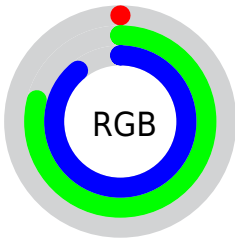
Format	Color
RYB	0, 107, 227
Decimal	51939
CIELab	74.69, -32.57, -24.15
CIELCh	75, 40.548, 216.550
Yxy	47.7871, 0.2149, 0.2935
Android (android.graphics.Color)	4278242019 (0xFF00CAE3)
YUV	144.4520, 40.6962, -126.6844
Hunter-Lab	69.1282, -30.6359, -20.2702

Details

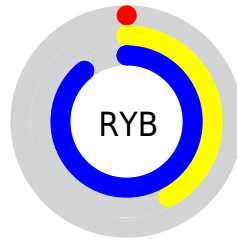
The YUV color **144.4520, 40.6962, -126.6844** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **82.5480, -40.6962, 126.6844**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6450, 21.3740, -89.1427**, and **105.8970, 32.5888, -92.8717** is the 20% darker color. If you saturate the color by 10%, you get **144.4520, 40.6962, -126.6844**, and if you desaturate by 10%, it is **153.0900, 36.4376, -114.0889**.

Distribution



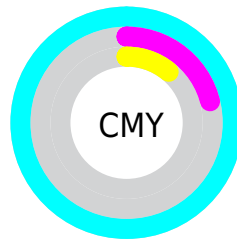
- Red (0%)
- Green (79%)
- Blue (89%)



- Red (0%)
- Yellow (42%)
- Blue (89%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.4520, 40.6962, -126.6844 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 144.4520, 40.6962, -126.6844 by changing the saturation by 10% instead.

■ 144.4520, 40.6962,
-126.6844

■ 144.4520, 40.6962,
-126.6844

■ 255.0000, 0.0000,
0.0000

■ 124.8240, 36.5688,
-109.4706

■ 211.6450, 21.3740,
-89.1427

■ 105.8970, 32.5888,
-92.8717

■ 221.5120, 16.5096,
-68.8550

■ 87.5570, 28.3194,
-76.7875

■ 231.3790, 11.6452,
-48.5674

■ 69.9180, 24.1974,
-61.3181

■ 240.6480, 7.0755,
-29.5093

■ 52.9800, 20.2229,
-46.4635

■ 250.2160, 2.3585,
-9.8364

■ 36.2700, 17.1219,
-31.8088

■ 21.3210, 13.1527,

-18.6985

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 144.4520, 40.6962,
-126.6844

■ 153.0900, 36.4376,
-114.0889

■ 160.8420, 32.6159,
-101.5934

■ 169.4800, 28.3574,
-88.9980

■ 177.5310, 24.3882,
-75.8877

■ 186.1690, 20.1297,
-63.2922

■ 193.9210, 16.3079,
-50.7967

■ 202.5590, 12.0494,
-38.2012

■ 210.6100, 8.0803,
-25.0910

■ 218.9490, 3.9691,
-13.1103

Harmonies

Analogous

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



159.1630, 15.6956, -87.8430



144.4520, 40.6962, -126.6844



166.0910, 41.8601, -79.8868

Triad

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



144.4520, 40.6962, -126.6844



188.5920, 12.5261, 42.4538



180.2340, -35.1184, 17.3348

Complementary

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



144.4520, 40.6962, -126.6844



82.5480, -40.6962, 126.6844

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.



183.2680, -33.1631, 43.6150



144.4520, 40.6962, -126.6844



187.4080, -5.1311, 59.2782

Square

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



144.4520, 40.6962, -126.6844



187.6940, 27.7589, 9.9154



185.6410, -22.0080, 59.0738



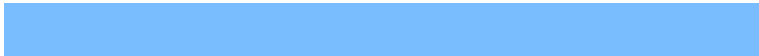
176.2130, -26.7270, -14.2188

Rectangle

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



144.4520, 40.6962, -126.6844



176.1920, 38.8523, -48.4034



185.6410, -22.0080, 59.0738



181.4740, -35.7297, 26.7713

Sweetspot

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



144.4520, 40.6962, -126.6844



227.5800, 13.5181, -42.6047



135.8710, -55.6454, -119.1589



110.7240, 8.5171, -25.1909



0.0000, 0.0000, 0.0000



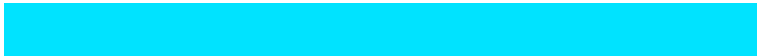
128.0000, 0.0000, 0.0000

Same Dimension

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



144.4520, 40.6962, -126.6844



162.3190, 45.6917, -142.3538



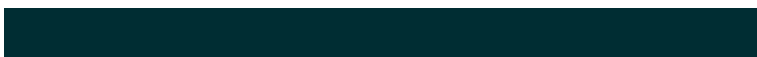
79.2950, 72.8186, -69.5417



110.2380, 2.3477, -6.3477



113.7390, 32.1737, -99.7491



32.2290, 9.2541, -28.2648

Inverse Universe

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



90.9010, 54.7718, 119.3588



102.1230, 61.5644, 134.0731



147.7050, -72.8186, 69.5417



107.7280, 2.5991, 6.3775



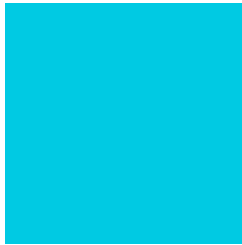
71.6470, 43.0650, 94.1486



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 144.4520, 40.6962, -126.6844 looks on a white background.

Color Contrast Check

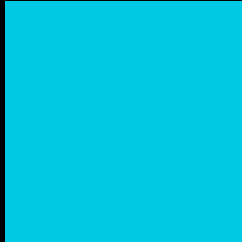
Large Text (above 18pt) WCAG AA × Fail

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 144.4520, 40.6962, -126.6844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

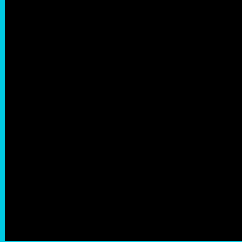
Any Text WCAG AA ✓ Pass

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 144.4520, 40.6962, -126.6844 Background



This preview shows how black text looks on a background with the YUV color 144.4520, 40.6962, -126.6844.



This preview shows how white text looks on a background with the YUV color 144.4520, 40.6962, -126.6844.

-126.6844.

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

144.4520, 40.6962, -126.6844

Protanopia

183.1530, 14.7146, -6.2732

Deuteranopia

183.5470, 23.8873, -8.3727



Tritanopia

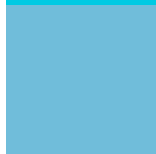
144.1270, 36.9124, -126.3994

Trichromacy



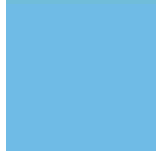
Original Color

144.4520, 40.6962, -126.6844



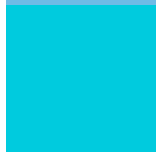
Protanomaly

169.2830, 24.0175, -50.2372



Deuteranomaly

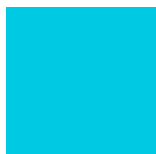
169.1780, 29.9852, -51.0221



Tritanomaly

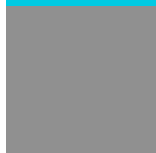
144.4690, 38.2228, -126.6993

Monochromacy



Original Color

144.4520, 40.6962, -126.6844



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

144.1990, 14.6919, -45.7785

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.4520, 40.6962, -126.6844 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, 202, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 202, 227)  
}
```

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, 202, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 202, 227) }
```

Border

The CSS property to change the border of an element to YUV 144.4520, 40.6962, -126.6844 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, 202, 227) }
```


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

```
.border{ border-color:rgb(0, 202, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 202, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 202, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 202, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 202,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 144.4520, 40.6962, -126.6844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 202, 227) }
```

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

```
.background{ background-color: rgb(0, 202,  
227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor