

Converting Colors

YUV(122.4880, 53.0034,
-107.4220)

Have a look what the booklet for
YUV(122.4880, 53.0034, -107.4220)
contains.

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Color

**YUV(122.4880, 53.0034,
-107.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	00A4E6
RGB	0, 164, 230
RGB Percent	0%, 64%, 90%
CMY	1.0000, 0.3569, 0.0980
CMYK	1.00, 0.29, 0.00, 0.10
HSL	197°, 100%, 45%
HSV	197°, 100%, 90%
XYZ	27.5584, 32.2641, 79.6380
YIQ	122.4880, -118.9300, -14.2420

Conversions

Conversions Part 2

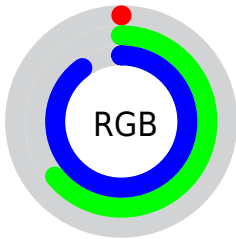
Format	Color
RYB	0, 96, 230
Decimal	42214
CIELab	63.56, -12.00, -43.02
CIELCh	64, 44.667, 254.417
Yxy	32.2641, 0.1976, 0.2313
Android (android.graphics.Color)	4278232294 (0xFF00A4E6)
YUV	122.4880, 53.0034, -107.4220
Hunter-Lab	56.8015, -12.7997, -43.3660

Details

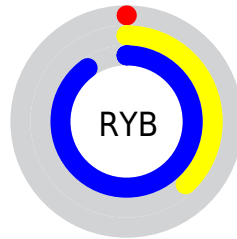
The YUV color **122.4880, 53.0034, -107.4220** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **107.5120, -53.0034, 107.4220**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.3170, 32.3817, -73.0690**, and **85.5800, 43.5911, -75.0537** is the 20% darker color. If you saturate the color by 10%, you get **122.4880, 53.0034, -107.4220**, and if you desaturate by 10%, it is **133.4740, 47.5873, -96.8857**.

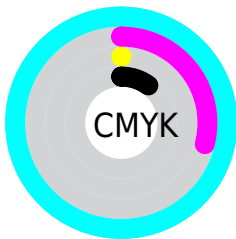
Distribution



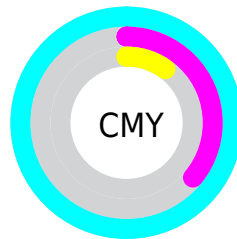
- Red (0%)
- Green (64%)
- Blue (90%)



- Red (0%)
- Yellow (38%)
- Blue (90%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (36%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.4880, 53.0034, -107.4220 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 122.4880, 53.0034, -107.4220 by changing the saturation by 10% instead.

■ 122.4880, 53.0034,
-107.4220

■ 122.4880, 53.0034,
-107.4220

■ 255.0000, 0.0000,
0.0000

■ 104.0340, 48.2972,
-91.2378

■ 189.3170, 32.3817,
-73.0690

■ 85.5800, 43.5911,
-75.0537

■ 215.9190, 19.2669,
-66.5810

■ 68.4140, 38.7429,
-59.9991

■ 229.8840, 12.3822,
-51.6413

■ 51.9490, 34.0421,
-45.5593

■ 239.4520, 7.6652,
-31.9684

■ 36.1850, 29.4888,
-31.7342

■ 248.7210, 3.0955,
-12.9103

■ 22.2960, 24.5041,
-19.5536

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 122.4880, 53.0034,
-107.4220

■ 133.4740, 47.5873,
-96.8857

■ 143.8730, 42.4606,
-85.8346

■ 154.8590, 37.0445,
-75.2983

■ 165.2580, 31.9178,
-64.2473

■ 176.2440, 26.5017,
-53.7110

■ 187.2300, 21.0856,
-43.1747

■ 197.6290, 15.9589,
-32.1236

■ 208.6150, 10.5428,
-21.5874

■ 219.0140, 5.4161,
-10.5363

Harmonies

Analogous

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



124.7900, 41.5155, -109.4408



122.4880, 53.0034, -107.4220



151.7480, 39.0712, -25.2120

Triad

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



122.4880, 53.0034, -107.4220



155.0020, -9.3680, 64.8962



143.2440, -23.7843, -24.7700

Complementary

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



122.4880, 53.0034, -107.4220



107.5120, -53.0034, 107.4220

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.



148.7230, -36.8384, 9.0129



122.4880, 53.0034, -107.4220



153.7890, -26.5180, 58.9440

Square

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



122.4880, 53.0034, -107.4220



157.7350, 9.0046, 51.9754



151.7960, -37.3674, 38.7669



132.3320, -0.6567, -69.5742

Rectangle

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



122.4880, 53.0034, -107.4220



157.1820, 30.9693, 6.8564



151.7960, -37.3674, 38.7669



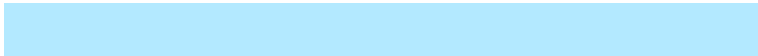
145.8280, -29.4952, -13.0042

Sweetspot

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



122.4880, 53.0034, -107.4220



219.3620, 17.5695, -35.3975



142.4200, -38.1681, -124.9023



106.0280, 10.8322, -21.0726



0.0000, 0.0000, 0.0000



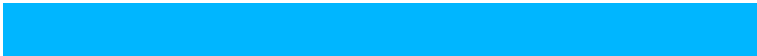
128.0000, 0.0000, 0.0000

Same Dimension

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



122.4880, 53.0034, -107.4220



135.9040, 58.7143, -119.1878



55.5700, 85.9940, -48.7349



109.0640, 2.9264, -5.3181



94.9550, 41.4342, -83.2755



26.9460, 11.8586, -23.6316

Inverse Universe

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



87.4660, 37.7313, 125.0023



96.9930, 41.9085, 138.5721



174.4300, -85.9940, 48.7349



107.5000, 1.7255, 6.5775



67.9990, 29.0875, 97.3479



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 122.4880, 53.0034, -107.4220 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 122.4880, 53.0034, -107.4220 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 122.4880, 53.0034, -107.4220 Background



This preview shows how black text looks on a background with the YUV color 122.4880, 53.0034, -107.4220.



This preview shows how white text looks on a background with the YUV color 122.4880, 53.0034, -107.4220.

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



Protanopia

152.7720, 32.6504, -19.0940

Deuteranopia

149.8720, 40.9821, -31.4597

Tritanopia

120.6520, 30.7376, -105.8118

Trichromacy



Protanomaly

141.8110, 40.0262, -51.5772

Deuteranomaly

139.8470, 45.4314, -58.6248

Tritanomaly

121.4160, 38.7419, -106.4818

Monochromacy



Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0950, 19.1802, -38.6713

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.4880, 53.0034, -107.4220 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, 164, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 164, 230)  
}
```

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, 164, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 164, 230) }
```

Border

The CSS property to change the border of an element to YUV 122.4880, 53.0034, -107.4220 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, 164, 230) }
```

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

```
.border{ border-color:rgb(0, 164, 230) }
```

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

Here you see how a box with a 4 pixel rgb(0, 164, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 164, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 164, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 164,  
230) }
```


Background

The CSS property to change the background color of an element to YUV 122.4880, 53.0034, -107.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 164, 230) }
```

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

```
.background{ background-color: rgb(0, 164,  
230) }
```

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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