

Converting Colors

YUV(142.2440, 23.0507,
-66.8660)

Have a look what the booklet for
YUV(142.2440, 23.0507, -66.8660)
contains.

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Color

**YUV(142.2440, 23.0507,
-66.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	42ACBD
RGB	66, 172, 189
RGB Percent	26%, 67%, 74%
CMY	0.7412, 0.3255, 0.2588
CMYK	0.65, 0.09, 0.00, 0.26
HSL	188°, 48%, 50%
HSV	188°, 65%, 74%
XYZ	26.1846, 34.3374, 53.3918
YIQ	142.2440, -68.6330, -17.1850

Conversions

Conversions Part 2

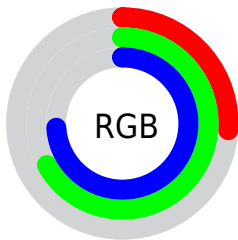
Format	Color
RYB	66, 123, 189
Decimal	4369597
CIELab	65.23, -24.79, -17.66
CIELCh	65, 30.435, 215.474
Yxy	34.3374, 0.2299, 0.3014
Android (android.graphics.Color)	4282559677 (0xFF42ACBD)
YUV	142.2440, 23.0507, -66.8660
Hunter-Lab	58.5981, -22.7840, -13.0035

Details

The YUV color **142.2440, 23.0507, -66.8660** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **112.7560, -23.0507, 66.8660**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0380, 22.1663, -63.1773**, and **85.3570, 24.9670, -74.8581** is the 20% darker color. If you saturate the color by 10%, you get **134.8020, 26.7196, -77.0024**, and if you desaturate by 10%, it is **149.6860, 19.3818, -56.7296**.

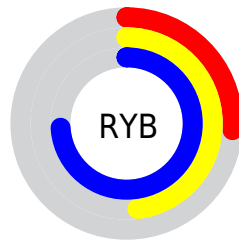
Distribution



Red (26%)

Green (67%)

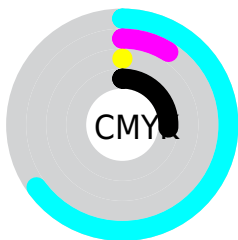
Blue (74%)



Red (26%)

Yellow (48%)

Blue (74%)

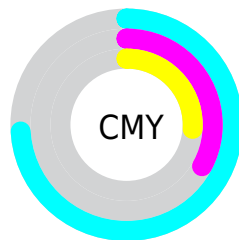


Cyan (65%)

Magenta (9%)

Yellow (0%)

Black (26%)



Cyan (74%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.2440, 23.0507, -66.8660 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 142.2440, 23.0507, -66.8660 by changing the saturation by 10% instead.

■ 142.2440, 23.0507,
-66.8660

■ 142.2440, 23.0507,
-66.8660

■ 255.0000, 0.0000,
0.0000

■ 111.0580, 25.1144,
-75.4729

■ 200.0380, 22.1663,
-63.1773

■ 85.3570, 24.9670,
-74.8581

■ 225.6980, 14.4459,
-60.2481

■ 67.7180, 20.8450,
-59.3887

■ 234.3690, 10.1711,
-42.4196

■ 50.8940, 17.3073,
-44.6340

■ 243.3390, 5.7489,
-23.9763

■ 34.7710, 13.9169,
-30.4942

■ 252.3090, 1.3267,
-5.5330

■ 21.1100, 9.8058,
-18.5135

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 142.2440, 23.0507,
-66.8660

■ 142.2440, 23.0507,
-66.8660

■ 134.8020, 26.7196,
-77.0024

■ 149.6860, 19.3818,
-56.7296

■ 127.9470, 30.0991,
-87.6535

■ 156.5410, 16.0023,
-46.0785

■ 120.5050, 33.7680,
-97.7899

■ 163.9830, 12.3334,
-35.9421

■ 117.2270, 35.3841,
-102.8081

■ 170.8380, 8.9539,
-25.2909

■ 178.2800, 5.2850,
-15.1546

■ 185.4230, 1.7635,
-5.6330

■ 192.2780, -1.6161,
5.0182

■ 199.7200, -5.2850,
15.1546

■ 207.1620, -8.9539,
25.2909

Harmonies

Analogous

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



144.0530, 9.3409, -56.1745



142.2440, 23.0507, -66.8660



148.2380, 28.9697, -51.9517

Triad

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



142.2440, 23.0507, -66.8660



162.3040, 9.2171, 30.4284



156.0300, -25.6508, 14.0057

Complementary

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



142.2440, 23.0507, -66.8660



112.7560, -23.0507, 66.8660

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.



158.4930, -24.4000, 32.8936



142.2440, 23.0507, -66.8660



161.6510, -3.7719, 43.2791

Square

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



142.2440, 23.0507, -66.8660



161.4240, 20.4970, 5.7672



160.1490, -15.8495, 43.7193



153.0810, -19.7599, -8.8410

Rectangle

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



142.2440, 23.0507, -66.8660



153.6470, 28.7680, -33.8934



160.1490, -15.8495, 43.7193



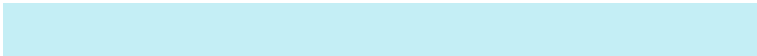
156.9600, -26.1093, 21.0831

Sweetspot

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



142.2440, 23.0507, -66.8660



226.2400, 9.2487, -26.5205



140.0250, -28.6063, -64.9199



110.9810, 5.4324, -15.7693



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



142.2440, 23.0507, -66.8660



172.0420, 35.9683, -103.5228



106.4370, 40.7036, -35.4632



90.7220, 1.6161, -5.0182



97.8440, 29.6569, -85.8092



18.7960, 6.0166, -16.4841

Inverse Universe

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



114.8610, 28.1695, 65.0199



129.8050, 43.4801, 101.0260



148.5630, -40.7036, 35.4632



88.6030, 2.1677, 4.7332



62.7460, 36.1142, 83.5378



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 142.2440, 23.0507, -66.8660 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 142.2440, 23.0507, -66.8660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

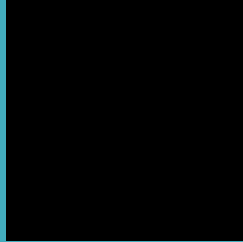
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 142.2440, 23.0507, -66.8660

Background



This preview shows how black text looks on a background with the YUV color 142.2440, 23.0507, -66.8660.



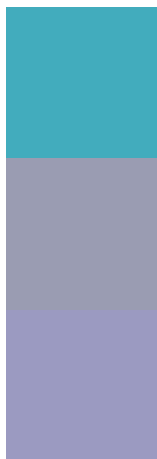
This preview shows how white text looks on a background with the YUV color 142.2440, 23.0507, -66.8660.

-66.8660.

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

142.2440, 23.0507, -66.8660

Protanopia

157.9100, 9.9044, -3.4291

Deuteranopia

158.7450, 16.8877, -3.2844



Tritanopia

141.6030, 21.8877, -67.1808

Trichromacy



Original Color

142.2440, 23.0507, -66.8660

Protanomaly

152.3200, 14.6322, -26.5906

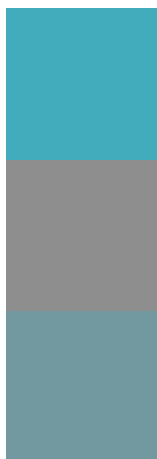
Deuteranomaly

153.1720, 19.1422, -26.4608

Tritanomaly

141.7170, 22.3245, -67.2808

Monochromacy



Original Color

142.2440, 23.0507, -66.8660

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.0230, 8.3697, -24.5762

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2440, 23.0507, -66.8660 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(66, 172, 189)` looks like.

```
.text, #text, p{  
    color:rgb(66, 172, 189)  
}
```

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(66, 172, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 172, 189) }
```

Border

The CSS property to change the border of an element to YUV 142.2440, 23.0507, -66.8660 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

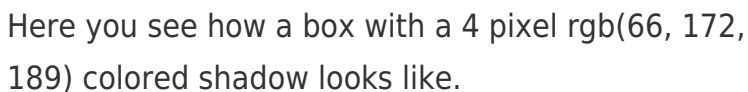
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(66, 172, 189) }
```


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

```
.border{ border-color:rgb(66, 172, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(66, 172, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(66, 172, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(66, 172, 189); box-shadow:4px 4px 4px 4px rgb(66, 172, 189) }
```

Background

The CSS property to change the background color of an element to YUV 142.2440, 23.0507, -66.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 172, 189) }
```

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

```
.background{ background-color: rgb(66, 172,  
189) }
```

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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