

Converting Colors

YUV(101.1960, 52.6544,
-88.7489)

Have a look what the booklet for
YUV(101.1960, 52.6544, -88.7489)
contains.

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Color

**YUV(101.1960, 52.6544,
-88.7489)**

Conversions

Conversions Part 1

Format	Color
Hex	0084D0
RGB	0, 132, 208
RGB Percent	0%, 52%, 82%
CMY	1.0000, 0.4824, 0.1843
CMYK	1.00, 0.37, 0.00, 0.18
HSL	202°, 100%, 41%
HSV	202°, 100%, 82%
XYZ	19.6364, 21.0566, 62.7039
YIQ	101.1960, -103.0680, -4.3480

Conversions

Conversions Part 2

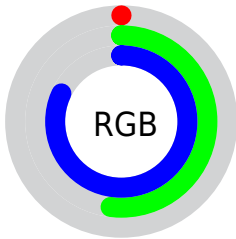
Format	Color
R _Y B	0, 81, 208
Decimal	34000
CIE Lab	53.01, -1.88, -47.41
CIE LCh	53, 47.448, 267.728
Yxy	21.0566, 0.1899, 0.2036
Android (android.graphics.Color)	4278224080 (0xFF0084D0)
YUV	101.1960, 52.6544, -88.7489
Hunter-Lab	45.8875, -3.9183, -48.8968

Details

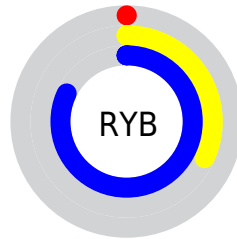
The YUV color **101.1960, 52.6544, -88.7489** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **106.8040, -52.6544, 88.7489**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5650, 43.1055, -59.2545**, and **66.1630, 42.8106, -58.0250** is the 20% darker color. If you saturate the color by 10%, you get **101.1960, 52.6544, -88.7489**, and if you desaturate by 10%, it is **112.1710, 47.2437, -79.9570**.

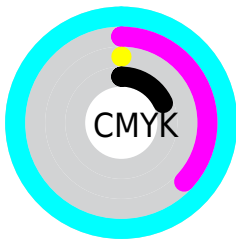
Distribution



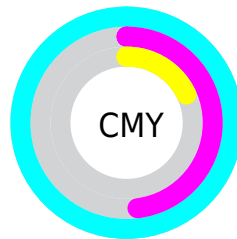
- Red (0%)
- Green (52%)
- Blue (82%)



- Red (0%)
- Yellow (32%)
- Blue (82%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (48%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.1960, 52.6544, -88.7489 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 101.1960, 52.6544, -88.7489 by changing the saturation by 10% instead.

■ 101.1960, 52.6544,
-88.7489

■ 101.1960, 52.6544,
-88.7489

■ 255.0000, 0.0000,
0.0000

■ 83.3290, 47.6588,
-73.0795

■ 167.5650, 43.1055,
-59.2545

■ 66.1630, 42.8106,
-58.0250

■ 192.9820, 30.5749,
-53.4812

■ 50.2850, 37.8205,
-44.0999

■ 218.6870, 17.9023,
-48.8375

■ 34.9940, 32.5410,
-30.6897

■ 236.4620, 9.1392,
-38.1162

■ 19.9310, 28.1350,
-17.4795

■ 245.7310, 4.5696,
-19.0581

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 101.1960, 52.6544,
-88.7489

■ 112.1710, 47.2437,
-79.9570

■ 122.5590, 42.1224,
-70.6502

■ 133.2350, 36.8591,
-62.4731

■ 143.6230, 31.7379,
-53.1664

■ 154.5980, 26.3272,
-44.3744

■ 165.5730, 20.9165,
-35.5825

■ 175.9610, 15.7952,
-26.2758

■ 186.6370, 10.5320,
-18.0986

■ 197.0250, 5.4107,
-8.7919

Harmonies

Analogous

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



105.5840, 44.0821, -92.5972



101.1960, 52.6544, -88.7489



128.1420, 34.9330, -4.5095

Triad

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



101.1960, 52.6544, -88.7489



125.3520, -16.9355, 65.4663



110.2180, -14.4045, -46.6722

Complementary

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



101.1960, 52.6544, -88.7489



106.8040, -52.6544, 88.7489

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.



118.1340, -33.5901, -6.2565



101.1960, 52.6544, -88.7489



124.7250, -32.8954, 51.1072

Square

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



101.1960, 52.6544, -88.7489



126.9660, 1.9888, 62.2968



122.2090, -40.5290, 26.1267



99.6100, 11.0383, -87.3580

Rectangle

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



101.1960, 52.6544, -88.7489



130.8100, 25.2367, 25.5996



122.2090, -40.5290, 26.1267



113.9550, -22.1628, -31.5325

Sweetspot

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



101.1960, 52.6544, -88.7489



215.8400, 19.3059, -32.3087



130.4180, -28.3071, -114.3766



104.2670, 11.7004, -19.5282



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.



101.1960, 52.6544, -88.7489



124.1640, 64.5021, -108.8918



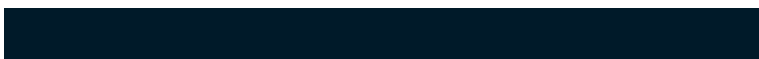
41.9090, 81.8829, -36.7542



99.3630, 2.7790, -4.7034



81.9610, 42.4172, -71.8798



19.9360, 10.3846, -17.4839

Inverse Universe

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



77.2400, 26.9967, 114.6765



94.7130, 33.1725, 140.5717



166.0910, -81.8829, 36.7542



98.0870, 1.4361, 6.0627



62.4300, 21.9730, 92.5849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 101.1960, 52.6544, -88.7489 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 101.1960, 52.6544, -88.7489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

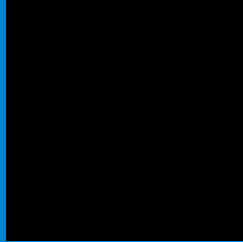
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 101.1960, 52.6544, -88.7489

Background



This preview shows how black text looks on a background with the YUV color 101.1960, 52.6544, -88.7489.



This preview shows how white text looks on a background with the YUV color 101.1960, 52.6544, -88.7489.

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

124.0040, 37.4660, -23.6825

Deuteranopia

119.6040, 44.0722, -42.6257

Tritanopia

99.2800, 25.0050, -87.0686

Trichromacy



Protanomaly

115.6420, 43.0675, -47.0440

Deuteranomaly

113.0040, 47.3260, -59.6395

Tritanomaly

99.9130, 35.0459, -87.6237

Monochromacy



Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8400, 19.3059, -32.3087

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.1960, 52.6544, -88.7489 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, 132, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 132, 208)  
}
```

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, 132, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 132, 208) }
```

Border

The CSS property to change the border of an element to YUV 101.1960, 52.6544, -88.7489 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, 132, 208) }
```

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

```
.border{ border-color:rgb(0, 132, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 132, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 132, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 132, 208);  
box-shadow:4px 4px 4px 4px rgb(0, 132,  
208) }
```


Background

The CSS property to change the background color of an element to YUV 101.1960, 52.6544, -88.7489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 132, 208) }
```

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

```
.background{ background-color: rgb(0, 132,  
208) }
```

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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