

Converting Colors

YUV(104.8540, 51.3440,
-88.4490)

Have a look what the booklet for
YUV(104.8540, 51.3440, -88.4490)
contains.

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Color

**YUV(104.8540, 51.3440,
-88.4490)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 0488D1 |
| RGB | 4, 136, 209 |
| RGB Percent | 2%, 53%, 82% |
| CMY | 0.9843, 0.4667, 0.1804 |
| CMYK | 0.98, 0.35, 0.00, 0.18 |
| HSL | 201°, 96%, 42% |
| HSV | 201°, 98%, 82% |
| XYZ | 20.3629, 22.2376, 63.5406 |
| YIQ | 104.8540, -102.1050, -5.2810 |

Conversions

Conversions Part 2

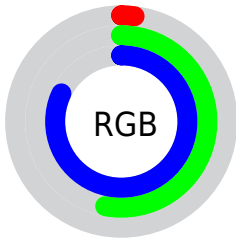
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 4, 84, 209 |
| Decimal | 297169 |
| CIE _{Lab} | 54.28, -3.74, -45.96 |
| CIE _{LCh} | 54, 46.115, 265.348 |
| Yxy | 22.2376, 0.1918, 0.2095 |
| Android (android.graphics.Color) | 4278487249 (0xFF0488D1) |
| YUV | 104.8540, 51.3440, -88.4490 |
| Hunter-Lab | 47.1567, -5.4458, -46.8797 |

Details

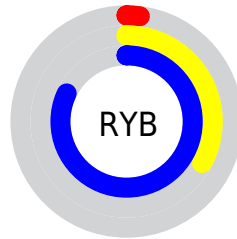
The YUV color **104.8540, 51.3440, -88.4490** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **108.1460, -51.3440, 88.4490**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2120, 41.8005, -60.6989**, and **68.6250, 42.0899, -60.1841** is the 20% darker color. If you saturate the color by 10%, you get **103.0710, 52.2230, -90.3933**, and if you desaturate by 10%, it is **115.2420, 46.2227, -79.1422**.

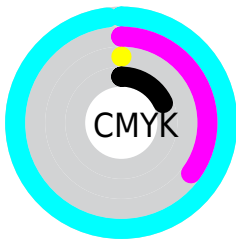
Distribution



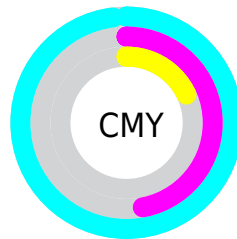
- Red (2%)
- Green (53%)
- Blue (82%)



- Red (2%)
- Yellow (33%)
- Blue (82%)



- Cyan (98%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (98%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8540, 51.3440, -88.4490 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 104.8540, 51.3440, -88.4490 by changing the saturation by 10% instead.

■ 104.8540, 51.3440,
-88.4490

■ 104.8540, 51.3440,
-88.4490

■ 255.0000, 0.0000,
0.0000

■ 85.7910, 46.9380,
-75.2387

■ 170.2120, 41.8005,
-60.6989

■ 68.6250, 42.0899,
-60.1841

■ 196.2160, 28.9805,
-55.4404

■ 52.1600, 37.3891,
-45.7443

■ 221.9210, 16.3079,
-50.7967

■ 36.8690, 32.1096,
-32.3341

■ 237.0600, 8.8444,
-36.8866

■ 22.3930, 27.4143,
-19.6387

■ 246.0300, 4.4222,
-18.4433

■ 9.0910, 22.1401,
-7.9728

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 104.8540, 51.3440,
-88.4490

■ 104.8540, 51.3440,
-88.4490

■ 103.0710, 52.2230,
-90.3933

■ 115.2420, 46.2227,
-79.1422

■ 126.2170, 40.8120,
-70.3503

■ 136.6050, 35.6907,
-61.0436

■ 147.5800, 30.2801,
-52.2517

■ 157.6690, 25.3062,
-43.5597

■ 168.6440, 19.8955,
-34.7678

■ 179.0320, 14.7742,
-25.4611

■ 190.0070, 9.3635,
-16.6691

■ 200.3950, 4.2423,
-7.3624

Harmonies

Analogous

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



107.3450, 43.2139, -94.1416



104.8540, 51.3440, -88.4490



130.8210, 35.0912, -8.6130

Triad

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



104.8540, 51.3440, -88.4490



129.3950, -15.4777, 64.5516



114.9090, -15.7311, -41.1392

Complementary

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



104.8540, 51.3440, -88.4490



108.1460, -51.3440, 88.4490

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.



122.7430, -33.8903, -3.2826



104.8540, 51.3440, -88.4490



128.4800, -31.2956, 51.3220

Square

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



104.8540, 51.3440, -88.4490



130.9980, 3.4520, 59.6378



126.5620, -39.2241, 27.5711



101.3710, 10.1701, -88.9024

Rectangle

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



104.8540, 51.3440, -88.4490



133.9020, 25.6843, 22.0109



126.5620, -39.2241, 27.5711



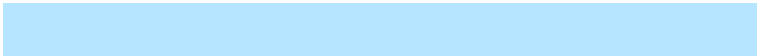
118.0480, -23.1947, -27.2291

Sweetspot

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



104.8540, 51.3440, -88.4490



217.6120, 18.4323, -32.1087



132.5430, -27.8757, -112.7322



105.1530, 11.2636, -19.4282



0.0000, 0.0000, 0.0000



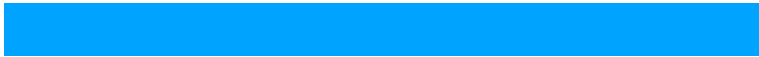
128.0000, 0.0000, 0.0000

Same Dimension

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



104.8540, 51.3440, -88.4490



125.3380, 63.9234, -109.9214



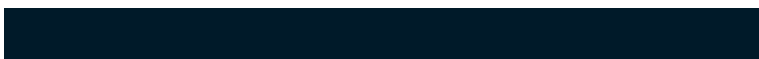
45.5670, 80.5725, -36.4543



99.3630, 2.7790, -4.7034



82.5480, 42.1278, -72.3946



19.9360, 10.3846, -17.4839

Inverse Universe

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



80.3430, 27.4389, 112.8322



94.9410, 34.0461, 140.3717



167.4330, -80.5725, 36.4543



98.0870, 1.4361, 6.0627



62.5440, 22.4098, 92.4849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 104.8540, 51.3440, -88.4490 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 104.8540, 51.3440, -88.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

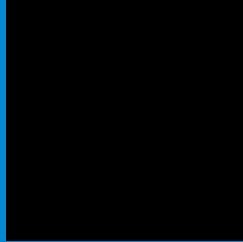
Any Text WCAG AA ✓ Pass

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 104.8540, 51.3440, -88.4490 Background



This preview shows how black text looks on a background with the YUV color 104.8540, 51.3440, -88.4490.

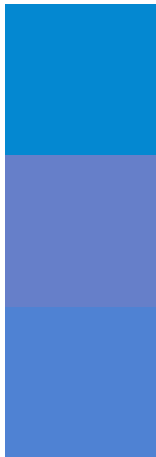


This preview shows how white text looks on a background with the YUV color 104.8540, 51.3440, -88.4490.

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

104.8540, 51.3440, -88.4490

Protanopia

127.9610, 36.0082, -22.7678

Deuteranopia

123.9850, 42.8984, -39.4518



Tritanopia

102.0840, 25.5946, -89.5277

Trichromacy



Original Color

104.8540, 51.3440, -88.4490

Protanomaly

119.3000, 41.7571, -46.7441

Deuteranomaly

116.9720, 45.8628, -56.9804

Tritanomaly

102.9020, 35.0513, -89.3681

Monochromacy



Original Color

104.8540, 51.3440, -88.4490

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7260, 18.8691, -32.2087

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8540, 51.3440, -88.4490 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(4, 136, 209)` looks like.

```
.text, #text, p{  
    color:rgb(4, 136, 209)  
}
```

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(4, 136, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 136, 209) }
```

Border

The CSS property to change the border of an element to YUV 104.8540, 51.3440, -88.4490 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(4, 136, 209) }
```


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

```
.border{ border-color:rgb(4, 136, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 136, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 136, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 136, 209);  
box-shadow:4px 4px 4px 4px rgb(4, 136,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 104.8540, 51.3440, -88.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 136, 209) }
```

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

```
.background{ background-color: rgb(4, 136,  
209) }
```

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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