

Converting Colors

YUV(104.2540, 21.0738,
-86.1688)

Have a look what the booklet for
YUV(104.2540, 21.0738, -86.1688)
contains.

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Color

**YUV(104.2540, 21.0738,
-86.1688)**

Conversions

Conversions Part 1

Format	Color
Hex	069293
RGB	6, 146, 147
RGB Percent	2%, 57%, 58%
CMY	0.9765, 0.4275, 0.4235
CMYK	0.96, 0.01, 0.00, 0.42
HSL	180°, 92%, 30%
HSV	180°, 96%, 58%
XYZ	15.6204, 22.7031, 31.1626
YIQ	104.2540, -83.7610, -29.3690

Conversions

Conversions Part 2

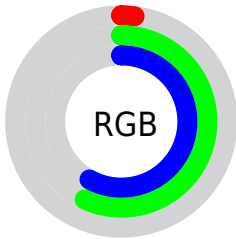
Format	Color
RYB	6, 76, 147
Decimal	430739
CIELab	54.77, -31.15, -9.79
CIELCh	55, 32.649, 197.454
Yxy	22.7031, 0.2248, 0.3267
Android (android.graphics.Color)	4278620819 (0xFF069293)
YUV	104.2540, 21.0738, -86.1688
Hunter-Lab	47.6477, -24.8655, -5.4235

Details

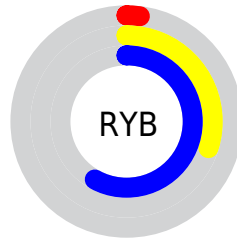
The YUV color **104.2540, 21.0738, -86.1688** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **48.7460, -21.0738, 86.1688**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2240, 16.6516, -67.7254**, and **66.8230, 14.8773, -58.6038** is the 20% darker color. If you saturate the color by 10%, you get **102.4600, 21.9582, -89.8574**, and if you desaturate by 10%, it is **108.7390, 18.8627, -76.9471**.

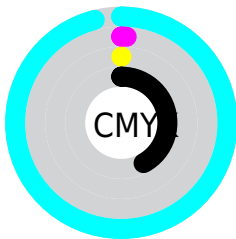
Distribution



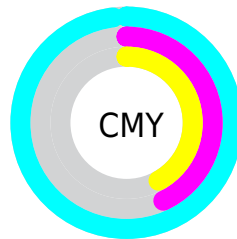
- Red (2%)
- Green (57%)
- Blue (58%)



- Red (2%)
- Yellow (30%)
- Blue (58%)



- Cyan (96%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2540, 21.0738, -86.1688 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 104.2540, 21.0738, -86.1688 by changing the saturation by 10% instead.

■ 104.2540, 21.0738,
-86.1688

■ 104.2540, 21.0738,
-86.1688

■ 255.0000, 0.0000,
0.0000

■ 84.2340, 18.1256,
-73.8732

■ 167.2240, 16.6516,
-67.7254

■ 66.8230, 14.8773,
-58.6038

■ 196.4090, 16.0674,
-67.0107

■ 49.4120, 11.6289,
-43.3343

■ 223.6050, 15.4777,
-64.5516

■ 33.2890, 8.2385,
-29.1945

■ 232.2760, 11.2029,
-46.7231

■ 18.5680, 5.1430,
-16.2841

■ 241.2460, 6.7807,
-28.2797

■ 0.2280, 0.8736,
-0.2000

■ 250.2160, 2.3585,

■ 0.0000, 0.0000,

-9.8364

0.0000

■ 104.2540, 21.0738,
-86.1688

■ 104.2540, 21.0738,
-86.1688

■ 102.4600, 21.9582,
-89.8574

■ 108.7390, 18.8627,
-76.9471

■ 112.9250, 16.7990,
-68.3402

■ 117.4100, 14.5879,
-59.1186

■ 121.8950, 12.3768,
-49.8969

■ 126.9670, 9.8763,
-41.1901

■ 131.1530, 7.8126,
-32.5832

■ 135.6380, 5.6015,
-23.3615

■ 140.1230, 3.3904,
-14.1399

■ 144.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



117.4040, 0.2938, -47.7123



104.2540, 21.0738, -86.1688



103.5490, 33.7463, -90.8125

Triad

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



104.2540, 21.0738, -86.1688



134.8770, 16.8226, 17.6479



129.8790, -26.5623, 26.4161

Complementary

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



104.2540, 21.0738, -86.1688



48.7460, -21.0738, 86.1688

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.



131.9870, -20.2066, 41.2304



104.2540, 21.0738, -86.1688



134.2080, 4.8275, 38.4056

Square

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



104.2540, 21.0738, -86.1688



130.9100, 26.6664, -13.0761



132.8210, -8.2928, 46.6380



127.6760, -25.4763, 4.6691

Rectangle

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



104.2540, 21.0738, -86.1688



117.0950, 32.4912, -61.4733



132.8210, -8.2928, 46.6380



130.5530, -25.4156, 31.9640

Sweetspot

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



104.2540, 21.0738, -86.1688



174.5550, 8.1074, -33.8127



88.7670, -40.8041, -72.5867



86.8340, 5.0118, -20.9024



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



104.2540, 21.0738, -86.1688



133.3040, 28.4441, -116.9076



63.7510, 41.0418, -50.6476



71.9070, 1.0318, -4.3034



96.1510, 20.6316, -84.3244



7.0100, 1.4741, -6.1478

Inverse Universe

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



64.1190, 40.3673, 72.6866



78.7690, 54.8369, 98.4266



89.8360, -41.3311, 50.1328



69.8910, 2.0257, 3.6036



56.8800, 39.4992, 71.1422



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 104.2540, 21.0738, -86.1688 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 104.2540, 21.0738, -86.1688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

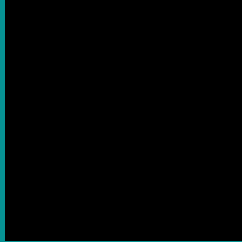
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 104.2540, 21.0738, -86.1688

Background



This preview shows how black text looks on a background with the YUV color 104.2540, 21.0738, -86.1688.

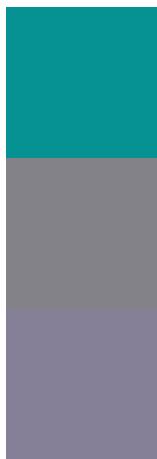


This preview shows how white text looks on a background with the YUV color 104.2540, 21.0738, -86.1688.

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

104.2540, 21.0738, -86.1688

Protanopia

131.0970, 2.9102, -0.0851

Deuteranopia

131.5300, 9.5987, 1.2892



Tritanopia

110.6730, 22.3462, -74.2582

Trichromacy



Original Color

104.2540, 21.0738, -86.1688

Protanomaly

121.6200, 9.5543, -31.2387

Deuteranomaly

121.7710, 13.9169, -30.4942

Tritanomaly

108.2380, 22.0677, -78.2617

Monochromacy



Original Color

104.2540, 21.0738, -86.1688

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8650, 7.9546, -31.4536

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2540, 21.0738, -86.1688 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(6, 146, 147)` looks like.

```
.text, #text, p{  
    color:rgb(6, 146, 147)  
}
```

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(6, 146, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 146, 147) }
```

Border

The CSS property to change the border of an element to YUV 104.2540, 21.0738, -86.1688 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(6, 146, 147) }
```


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

```
.border{ border-color:rgb(6, 146, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 146, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 146, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 146, 147);  
box-shadow:4px 4px 4px 4px rgb(6, 146,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 104.2540, 21.0738, -86.1688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 146, 147) }
```

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

```
.background{ background-color: rgb(6, 146,  
147) }
```

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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