

Converting Colors

YUV(124.6060, 0.1942,
-109.2795)

Have a look what the booklet for
YUV(124.6060, 0.1942, -109.2795)
contains.

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Color

**YUV(124.6060, 0.1942,
-109.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	00BC7D
RGB	0, 188, 125
RGB Percent	0%, 74%, 49%
CMY	1.0000, 0.2627, 0.5098
CMYK	1.00, 0.00, 0.34, 0.26
HSL	160°, 100%, 37%
HSV	160°, 100%, 74%
XYZ	21.6849, 37.4471, 25.4871
YIQ	124.6060, -91.8250, -59.4490

Conversions

Conversions Part 2

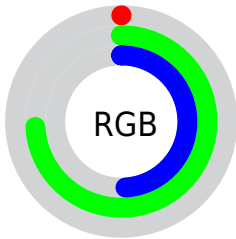
Format	Color
RYB	0, 113, 188
Decimal	48253
CIELab	67.61, -54.87, 20.90
CIELCh	68, 58.716, 159.150
Yxy	37.4471, 0.2563, 0.4425
Android (android.graphics.Color)	4278238333 (0xFF00BC7D)
YUV	124.6060, 0.1942, -109.2795
Hunter-Lab	61.1940, -43.8358, 18.1417

Details

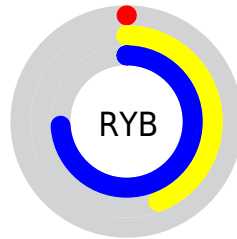
The YUV color **124.6060, 0.1942, -109.2795** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **63.3940, -0.1942, 109.2795**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.1100, -7.4492, -84.2885**, and **86.7350, -5.2924, -76.0666** is the 20% darker color. If you saturate the color by 10%, you get **124.6060, 0.1942, -109.2795**, and if you desaturate by 10%, it is **130.9710, 0.0143, -98.1986**.

Distribution



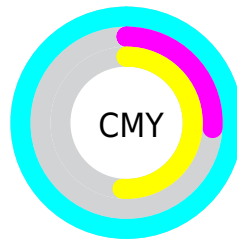
- Red (0%)
- Green (74%)
- Blue (49%)



- Red (0%)
- Yellow (44%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.6060, 0.1942, -109.2795 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 124.6060, 0.1942, -109.2795 by changing the saturation by 10% instead.

124.6060, 0.1942,
-109.2795

124.6060, 0.1942,
-109.2795

255.0000, 0.0000,
0.0000

105.3200, -2.6228,
-92.3656

193.1100, -7.4492,
-84.2885

86.7350, -5.2924,
-76.0666

211.7400, -2.8298,
-72.5630

68.7370, -8.2513,
-60.2823

223.9020, 4.9783,
-56.9191

50.9670, -10.3367,
-44.6981

235.5650, 9.5815,
-39.9605

34.3710, -13.0009,
-30.1434

244.5350, 5.1592,
-21.5172

19.9580, -9.8393,
-17.5032

253.8040, 0.5896,

0.0000, 0.0000,

-2.4591

0.0000

■ 124.6060, 0.1942,
-109.2795

■ 130.9710, 0.0143,
-98.1986

■ 137.4500, 0.2712,
-87.2176

■ 143.5160, 0.2386,
-76.7515

■ 149.8810, 0.0587,
-65.6706

■ 156.3600, 0.3155,
-54.6897

■ 162.7250, 0.1356,
-43.6088

■ 169.0900, -0.0444,
-32.5279

■ 175.1560, -0.0769,
-22.0618

■ 181.6350, 0.1799,
-11.0809

Harmonies

Analogous

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



150.7310, -35.8564, -26.0741



124.6060, 0.1942, -109.2795



132.6370, 23.3500, -116.3226

Triad

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



124.6060, 0.1942, -109.2795



153.7320, 49.9251, -53.2620



162.4820, -30.8036, 80.2613

Complementary

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



124.6060, 0.1942, -109.2795



63.3940, -0.1942, 109.2795

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.



162.0240, -5.9278, 81.5400



124.6060, 0.1942, -109.2795



169.1970, 38.3569, 17.3672

Square

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



124.6060, 0.1942, -109.2795



134.7300, 59.2931, -118.1582



168.1030, 17.6972, 63.9307



161.0340, -48.3308, 55.2212

Rectangle

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



124.6060, 0.1942, -109.2795



136.0400, 38.9273, -119.3071



168.1030, 17.6972, 63.9307



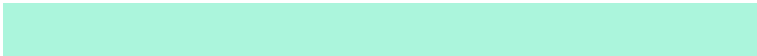
161.6700, -22.5153, 81.8504

Sweetspot

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



124.6060, 0.1942, -109.2795



220.0240, -0.0118, -42.9940



130.0900, -64.1344, -56.2069



107.2480, 0.3707, -25.6505



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.



124.6060, 0.1942, -109.2795



162.3970, 0.2973, -142.4222



115.3520, 35.8155, -101.1637



90.9670, 0.0163, -5.2331



104.7160, 0.1400, -91.8359



20.4770, -0.2352, -17.9583

Inverse Universe

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



63.3940, -0.1942, 109.2795



82.6030, -0.2973, 142.4222



72.6480, -35.8155, 101.1637



88.0330, -0.0163, 5.2331



53.2840, -0.1400, 91.8359



10.4090, -0.2016, 18.0583

Previews

White Background



This preview shows how the YUV color 124.6060, 0.1942, -109.2795 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 124.6060, 0.1942, -109.2795 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 124.6060, 0.1942, -109.2795

Background



This preview shows how black text looks on a background with the YUV color 124.6060, 0.1942, -109.2795.



This preview shows how white text looks on a background with the YUV color 124.6060, 0.1942, -109.2795.

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

161.3010, -23.3194, 12.8910

Deuteranopia

164.0170, -15.7844, 22.7871

Tritanopia

146.6240, 23.3564, -71.5842

Trichromacy



Protanomaly

147.9040, -14.7427, -31.4878

Deuteranomaly

149.5010, -10.1070, -24.9954

Tritanomaly

138.3590, 15.1060, -85.3838

Monochromacy



Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0460, -0.0227, -39.5053

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.6060, 0.1942, -109.2795 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, 188, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 125)  
}
```

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, 188, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 125) }
```

Border

The CSS property to change the border of an element to YUV 124.6060, 0.1942, -109.2795 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, 188, 125) }
```

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

```
.border{ border-color:rgb(0, 188, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 188, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
125) }
```


Background

The CSS property to change the background color of an element to YUV 124.6060, 0.1942, -109.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 125) }
```

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

```
.background{ background-color: rgb(0, 188,  
125) }
```

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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