

Converting Colors

YUV(129.7110, 4.5795,
-69.0295)

Have a look what the booklet for
YUV(129.7110, 4.5795, -69.0295)
contains.

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Color

**YUV(129.7110, 4.5795,
-69.0295)**

Conversions

Conversions Part 1

Format	Color
Hex	33A88B
RGB	51, 168, 139
RGB Percent	20%, 66%, 55%
CMY	0.8000, 0.3412, 0.4549
CMYK	0.70, 0.00, 0.17, 0.34
HSL	165°, 53%, 43%
HSV	165°, 70%, 66%
XYZ	20.0281, 30.5732, 29.2717
YIQ	129.7110, -60.4230, -33.8230

Conversions

Conversions Part 2

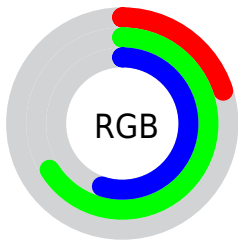
Format	Color
RYB	51, 118, 168
Decimal	3385483
CIELab	62.15, -39.30, 5.65
CIElCh	62, 39.705, 171.814
Yxy	30.5732, 0.2507, 0.3828
Android (android.graphics.Color)	4281575563 (0xFF33A88B)
YUV	129.7110, 4.5795, -69.0295
Hunter-Lab	55.2930, -32.1070, 7.3174

Details

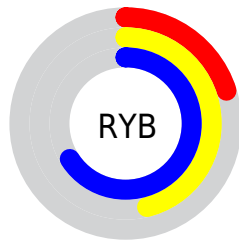
The YUV color **129.7110, 4.5795, -69.0295** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **89.2890, -4.5795, 69.0295**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1630, 2.3846, -65.0410**, and **77.6510, 5.5951, -68.0999** is the 20% darker color. If you saturate the color by 10%, you get **124.1720, 5.3382, -79.0808**, and if you desaturate by 10%, it is **135.2500, 3.8207, -58.9783**.

Distribution



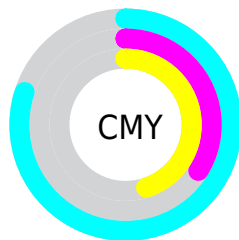
- Red (20%)
- Green (66%)
- Blue (55%)



- Red (20%)
- Yellow (46%)
- Blue (66%)



- Cyan (70%)
- Magenta (0%)
- Yellow (17%)
- Black (34%)





- Cyan (80%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.7110, 4.5795, -69.0295 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 129.7110, 4.5795, -69.0295 by changing the saturation by 10% instead.


 129.7110, 4.5795,
-69.0295

 129.7110, 4.5795,
-69.0295

255.0000, 0.0000,
0.0000

 95.7630, 8.9908,
-83.9842


 187.1630, 2.3846,
-65.0410

 77.6510, 5.5951,
-68.0999


 216.0490, 1.9478,
-64.9410

 60.3540, 2.7835,
-52.9305


 229.2000, 9.7614,
-51.0414

 43.1710, 0.4087,
-37.8610

 238.5550, 8.1074,
-33.8127

 27.8630, -2.3975,
-24.4359

 247.5250, 3.6852,
-15.3694

 8.2180, -4.0515,
-7.2072

 0.0000, 0.0000,

0.0000

■ 129.7110, 4.5795,
-69.0295

■ 129.7110, 4.5795,
-69.0295

■ 124.1720, 5.3382,
-79.0808

■ 135.2500, 3.8207,
-58.9783

■ 118.6330, 6.0969,
-89.1321

■ 140.7890, 3.0620,
-48.9270

■ 113.3930, 6.7083,
-98.5687

■ 146.0290, 2.4507,
-39.4904

■ 112.9800, 6.4189,
-99.0835

■ 151.6820, 2.1288,
-29.5391

■ 157.2210, 1.3700,
-19.4878

■ 162.7600, 0.6113,
-9.4365

■ 168.2990, -0.1474,
0.6148

■ 173.5390, -0.7587,
10.0513

■ 179.0780, -1.5175,
20.1026

Harmonies

Analogous

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



139.6330, -17.0741, -30.3731



129.7110, 4.5795, -69.0295



118.5660, 27.8220, -103.9824

Triad

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



129.7110, 4.5795, -69.0295



151.1860, 31.4603, -10.6871



150.0220, -26.6328, 49.0927

Complementary

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



129.7110, 4.5795, -69.0295



89.2890, -4.5795, 69.0295

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.



151.7470, -12.6933, 58.1039



129.7110, 4.5795, -69.0295



154.9150, 19.2689, 26.3845

Square

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



129.7110, 4.5795, -69.0295



138.9520, 39.4637, -57.8399



153.6440, 3.6265, 50.3012



148.3540, -33.6985, 28.6305

Rectangle

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



129.7110, 4.5795, -69.0295



119.7860, 37.5735, -105.0523



153.6440, 3.6265, 50.3012



151.0810, -22.7179, 53.4260

Sweetspot

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



129.7110, 4.5795, -69.0295



203.9920, 1.9759, -27.1800



128.3500, -38.1335, -42.4029



100.8300, 1.0698, -16.5139



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



129.7110, 4.5795, -69.0295



158.8540, 7.4670, -108.6200



115.9940, 25.6390, -56.9997



81.3800, 0.3057, -4.7183



99.5300, 5.6547, -87.2878



13.4500, 0.7642, -11.7957

Inverse Universe

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



89.2890, -4.5795, 69.0295



95.2600, -7.0302, 108.5200



103.0060, -25.6390, 56.9997



78.6200, -0.3057, 4.7183



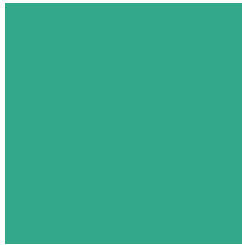
48.4700, -5.6547, 87.2878



6.5500, -0.7641, 11.7957

Previews

White Background



This preview shows how the YUV color 129.7110, 4.5795, -69.0295 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 129.7110, 4.5795, -69.0295 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 129.7110, 4.5795, -69.0295

Background



This preview shows how black text looks on a background with the YUV color 129.7110, 4.5795, -69.0295.



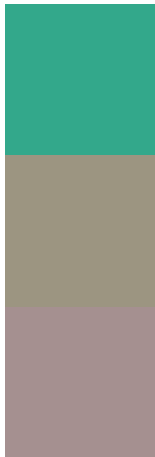
This preview shows how white text looks on a background with the YUV color 129.7110, 4.5795, -69.0295.

-69.0295.

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

129.7110, 4.5795, -69.0295

Protanopia

148.8130, -9.7678, 6.3030

Deuteranopia

150.2790, -3.0955, 12.9103



Tritanopia

136.0770, 19.6820, -59.7035

Trichromacy



Original Color

129.7110, 4.5795, -69.0295

Protanomaly

142.0160, -4.4449, -21.0620

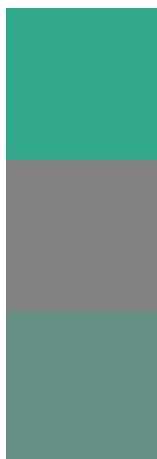
Deuteranomaly

143.0750, -0.5300, -16.7288

Tritanomaly

133.9750, 14.3093, -63.1221

Monochromacy



Original Color

129.7110, 4.5795, -69.0295

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.8890, 1.5337, -25.3357

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7110, 4.5795, -69.0295 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(51, 168, 139)` looks like.

```
.text, #text, p{  
    color:rgb(51, 168, 139)  
}
```

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(51, 168, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 168, 139) }
```

Border

The CSS property to change the border of an element to YUV 129.7110, 4.5795, -69.0295 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(51, 168, 139) }
```


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

```
.border{ border-color:rgb(51, 168, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 168, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 168, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 168, 139);  
box-shadow:4px 4px 4px 4px rgb(51, 168,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 129.7110, 4.5795, -69.0295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 168, 139) }
```

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

```
.background{ background-color: rgb(51, 168,  
139) }
```

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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