

Converting Colors

YUV(126.0620, 12.2944,
-70.2144)

Have a look what the booklet for
YUV(126.0620, 12.2944, -70.2144)
contains.

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Color

**YUV(126.0620, 12.2944,
-70.2144)**

Conversions

Conversions Part 1

Format	Color
Hex	2EA297
RGB	46, 162, 151
RGB Percent	18%, 64%, 59%
CMY	0.8196, 0.3647, 0.4078
CMYK	0.72, 0.00, 0.07, 0.36
HSL	174°, 56%, 41%
HSV	174°, 72%, 64%
XYZ	19.6330, 28.6559, 33.7745
YIQ	126.0620, -65.6050, -28.0130

Conversions

Conversions Part 2

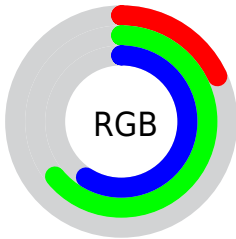
Format	Color
R_{YB}	46, 107, 162
Decimal	3056279
CIE _{Lab}	60.48, -34.08, -3.53
CIE _{LCh}	60, 34.259, 185.913
Yxy	28.6559, 0.2392, 0.3492
Android (android.graphics.Color)	4281246359 (0xFF2EA297)
YUV	126.0620, 12.2944, -70.2144
Hunter-Lab	53.5312, -28.2134, 0.0639

Details

The YUV color **126.0620, 12.2944, -70.2144** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **81.9380, -12.2944, 70.2144**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3400, 10.6784, -65.1962**, and **75.9700, 11.8468, -66.6257** is the 20% darker color. If you saturate the color by 10%, you get **121.0500, 13.7794, -79.8508**, and if you desaturate by 10%, it is **131.0740, 10.8095, -60.5779**.

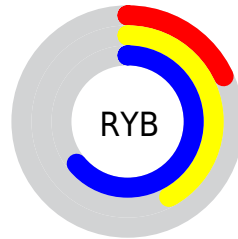
Distribution



Red (18%)

Green (64%)

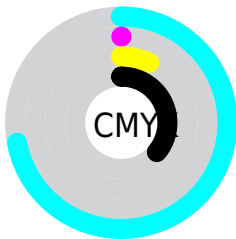
Blue (59%)



Red (18%)

Yellow (42%)

Blue (64%)

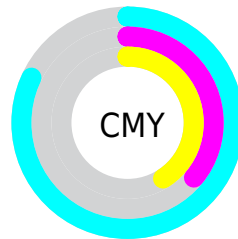


Cyan (72%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (82%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.0620, 12.2944, -70.2144 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 126.0620, 12.2944, -70.2144 by changing the saturation by 10% instead.

■ 126.0620, 12.2944,
-70.2144

■ 126.0620, 12.2944,
-70.2144

■ 255.0000, 0.0000,
0.0000

■ 93.4950, 15.5320,
-81.9951

■ 183.3400, 10.6784,
-65.1962

■ 75.9700, 11.8468,
-66.6257

■ 212.5250, 10.0942,
-64.4814

■ 58.5590, 8.5984,
-51.3562

■ 228.9870, 12.8244,
-53.4856

■ 41.9630, 5.9342,
-36.8016

■ 237.6580, 8.5496,
-35.6571

■ 26.6550, 3.1281,
-23.3764

■ 246.6280, 4.1274,
-17.2138

■ 3.4880, 3.2104,
-3.0590

■ 0.0000, 0.0000,

0.0000

■ 126.0620, 12.2944,
-70.2144

■ 126.0620, 12.2944,
-70.2144

■ 121.0500, 13.7794,
-79.8508

■ 131.0740, 10.8095,
-60.5779

■ 116.1520, 15.7011,
-89.5873

■ 135.9720, 8.8878,
-50.8414

■ 111.8520, 17.3280,
-98.0942

■ 141.2830, 7.2555,
-40.5902

■ 146.1810, 5.3338,
-30.8537

■ 151.1930, 3.8489,
-21.2173

■ 156.0910, 1.9271,
-11.4808

■ 161.1030, 0.4422,
-1.8443

■ 166.3000, -1.6269,
8.5069

■ 171.3120, -3.1118,
18.1434

Harmonies

Analogous

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



134.5100, -7.1534, -39.0353



126.0620, 12.2944, -70.2144



115.0270, 32.0317, -100.8787

Triad

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



126.0620, 12.2944, -70.2144



149.0050, 22.6755, 7.0116



145.8200, -27.0263, 35.2379

Complementary

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



126.0620, 12.2944, -70.2144



81.9380, -12.2944, 70.2144

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.



147.1280, -17.3181, 48.1227



126.0620, 12.2944, -70.2144



149.9670, 10.3693, 34.2319

Square

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



126.0620, 12.2944, -70.2144



143.2610, 30.9303, -27.4159



148.6840, -3.7882, 48.5121



143.2320, -28.7084, 14.7055

Rectangle

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



126.0620, 12.2944, -70.2144



125.7400, 34.1452, -78.7020



148.6840, -3.7882, 48.5121



146.2490, -24.2798, 41.0006

Sweetspot

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



126.0620, 12.2944, -70.2144



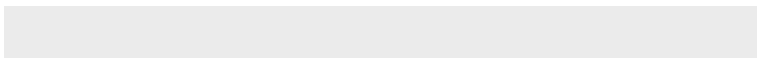
197.9750, 4.4493, -27.1651



117.6800, -35.3382, -52.3394



98.6990, 3.1064, -16.3990



235.0000, 0.0000, 0.0000



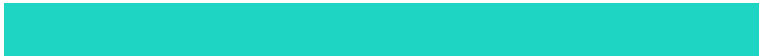
107.0000, 0.0000, 0.0000

Same Dimension

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



126.0620, 12.2944, -70.2144



155.5300, 18.9657, -110.0898



100.3140, 30.4112, -47.6334



79.1950, 0.8899, -5.4330



100.1630, 15.6956, -87.8430



12.3900, 1.7797, -10.8660

Inverse Universe

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



81.9380, -12.2944, 70.2144



86.3560, -19.4025, 110.1898



107.6860, -30.4112, 47.6334



75.8050, -0.8899, 5.4330



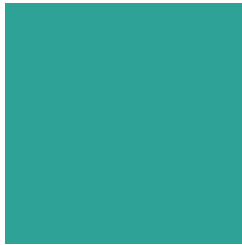
44.9510, -15.2588, 87.7430



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 126.0620, 12.2944, -70.2144 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 126.0620, 12.2944, -70.2144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

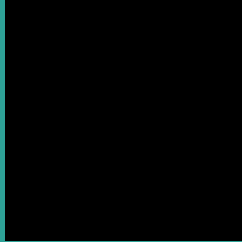
Any Text WCAG AA ✓ Pass

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 126.0620, 12.2944, -70.2144 Background



This preview shows how black text looks on a background with the YUV color 126.0620, 12.2944, -70.2144.

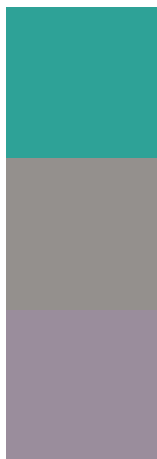


This preview shows how white text looks on a background with the YUV color 126.0620, 12.2944, -70.2144.

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

126.0620, 12.2944, -70.2144

Protanopia

144.8540, -1.9000, 2.7590

Deuteranopia

146.5970, 4.6357, 6.4924



Tritanopia

130.2830, 20.5665, -63.3922

Trichromacy



Original Color

126.0620, 12.2944, -70.2144

Protanomaly

138.3560, 3.2755, -23.9912

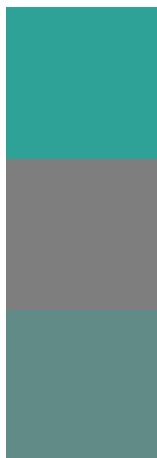
Deuteranomaly

139.4040, 7.1958, -21.4023

Tritanomaly

128.7620, 17.3723, -65.5663

Monochromacy



Original Color

126.0620, 12.2944, -70.2144

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9860, 4.4439, -25.4207

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.0620, 12.2944, -70.2144 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(46, 162, 151)` looks like.

```
.text, #text, p{  
    color:rgb(46, 162, 151)  
}
```

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(46, 162, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 162, 151) }
```

Border

The CSS property to change the border of an element to YUV 126.0620, 12.2944, -70.2144 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(46, 162, 151) }
```


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

```
.border{ border-color:rgb(46, 162, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 162, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 162, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 162, 151);  
box-shadow:4px 4px 4px 4px rgb(46, 162,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 126.0620, 12.2944, -70.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 162, 151) }
```

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

```
.background{ background-color: rgb(46, 162,  
151) }
```

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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