

Converting Colors

YUV(127.4120, 4.7269,
-69.6443)

Have a look what the booklet for
YUV(127.4120, 4.7269, -69.6443)
contains.

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Color

**YUV(127.4120, 4.7269,
-69.6443)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 30A689 |
| RGB | 48, 166, 137 |
| RGB Percent | 19%, 65%, 54% |
| CMY | 0.8118, 0.3490, 0.4627 |
| CMYK | 0.71, 0.00, 0.17, 0.35 |
| HSL | 165°, 55%, 42% |
| HSV | 165°, 71%, 65% |
| XYZ | 19.3705, 29.7070, 28.3800 |
| YIQ | 127.4120, -61.0190, -34.0350 |

Conversions

Conversions Part 2

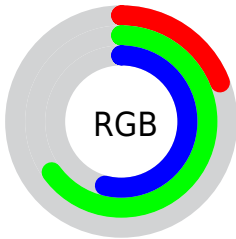
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 48, 115, 166 |
| Decimal | 3188361 |
| CIELab | 61.40, -39.38, 5.69 |
| CIElCh | 61, 39.791, 171.774 |
| Yxy | 29.7070, 0.2501, 0.3835 |
| Android (android.graphics.Color) | 4281378441 (0xFF30A689) |
| YUV | 127.4120, 4.7269, -69.6443 |
| Hunter-Lab | 54.5041, -31.9441, 7.2809 |

Details

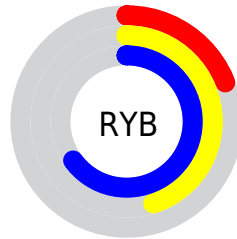
The YUV color **127.4120, 4.7269, -69.6443** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **86.5880, -4.7269, 69.6443**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8640, 2.5320, -65.6557**, and **76.2490, 5.3002, -66.8704** is the 20% darker color. If you saturate the color by 10%, you get **121.8730, 5.4856, -79.6956**, and if you desaturate by 10%, it is **132.9510, 3.9682, -59.5930**.

Distribution



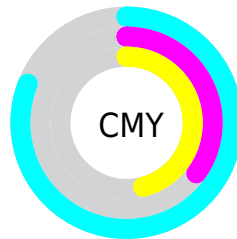
- Red (19%)
- Green (65%)
- Blue (54%)



- Red (19%)
- Yellow (45%)
- Blue (65%)



- Cyan (71%)
- Magenta (0%)
- Yellow (17%)
- Black (35%)



- Cyan (81%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4120, 4.7269, -69.6443 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 127.4120, 4.7269, -69.6443 by changing the saturation by 10% instead.

127.4120, 4.7269,
-69.6443

127.4120, 4.7269,
-69.6443

255.0000, 0.0000,
0.0000

94.3610, 8.6960,
-82.7546

184.8640, 2.5320,
-65.6557

76.2490, 5.3002,
-66.8704

213.7500, 2.0953,
-65.5558

58.9520, 2.4887,
-51.7009

228.0750, 9.3300,
-52.6858

42.3560, -0.1755,
-37.1462

237.9570, 8.4022,
-35.0423

27.1620, -2.5449,
-23.8211

246.6280, 4.1274,
-17.2138

5.8700, -2.8939,
-5.1480

0.0000, 0.0000,

0.0000

■ 127.4120, 4.7269,
-69.6443

■ 127.4120, 4.7269,
-69.6443

■ 121.8730, 5.4856,
-79.6956

■ 132.9510, 3.9682,
-59.5930

■ 116.6330, 6.0969,
-89.1321

■ 138.1910, 3.3568,
-50.1565

■ 111.6920, 6.5608,
-97.9539

■ 143.7300, 2.5981,
-40.1052

■ 148.9700, 1.9868,
-30.6687

■ 154.5090, 1.2281,
-20.6174

■ 160.0480, 0.4693,
-10.5661

■ 165.4020, 0.2948,
-1.2296

■ 170.9410, -0.4639,
8.8217

■ 176.1810, -1.0752,
18.2583

Harmonies

Analogous

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



137.9320, -17.2215, -29.7584



127.4120, 4.7269, -69.6443



117.1640, 27.5271, -102.7528

Triad

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



127.4120, 4.7269, -69.6443



149.3000, 31.8971, -10.7871



148.0220, -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.



127.4120, 4.7269, -69.6443



86.5880, -4.7269, 69.6443

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.



149.7470, -12.6933, 58.1039



127.4120, 4.7269, -69.6443



152.9150, 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.



127.4120, 4.7269, -69.6443



136.6530, 39.6111, -58.4547



151.6440, 3.6265, 50.3012



146.3540, -33.6985, 28.6305

Rectangle

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



127.4120, 4.7269, -69.6443



118.3840, 37.2787, -103.8228



151.6440, 3.6265, 50.3012



149.0810, -22.7179, 53.4260

Sweetspot

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



127.4120, 4.7269, -69.6443



201.9920, 1.9759, -27.1800



126.2360, -38.5703, -42.3030



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.



127.4120, 4.7269, -69.6443



156.7400, 7.0302, -108.5200



113.6950, 25.7864, -57.6145



81.3800, 0.3057, -4.7183



99.6440, 6.0915, -87.3878



13.4500, 0.7642, -11.7957

Inverse Universe

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



86.5880, -4.7269, 69.6443



93.1460, -7.4670, 108.6200



100.8920, -26.0758, 57.0997



78.6200, -0.3057, 4.7183



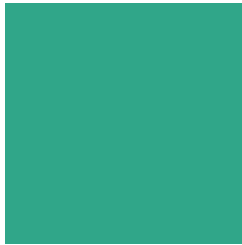
48.3560, -6.0915, 87.3878



6.5500, -0.7641, 11.7957

Previews

White Background



This preview shows how the YUV color 127.4120, 4.7269, -69.6443 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 127.4120, 4.7269, -69.6443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

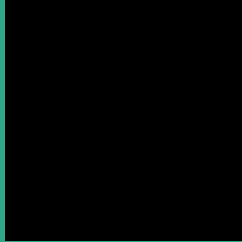
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.4120, 4.7269, -69.6443

Background



This preview shows how black text looks on a background with the YUV color 127.4120, 4.7269, -69.6443.



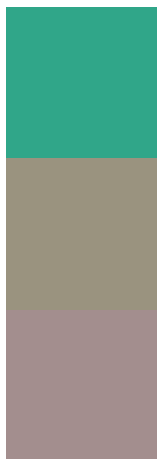
This preview shows how white text looks on a background with the YUV color 127.4120, 4.7269, -69.6443.

-69.6443.

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

127.4120, 4.7269, -69.6443

Protanopia

146.8130, -9.7678, 6.3030

Deuteranopia

148.2790, -3.0955, 12.9103



Tritanopia

134.0770, 19.6820, -59.7035

Trichromacy



Original Color

127.4120, 4.7269, -69.6443

Protanomaly

139.7170, -4.2975, -21.6768

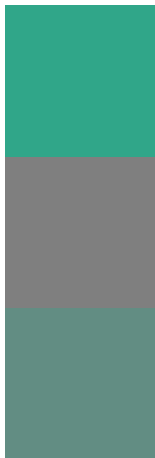
Deuteranomaly

140.7760, -0.3826, -17.3436

Tritanomaly

131.6760, 14.4567, -63.7369

Monochromacy



Original Color

127.4120, 4.7269, -69.6443

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.0030, 1.9705, -25.4356

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4120, 4.7269, -69.6443 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(48, 166, 137)` looks like.

```
.text, #text, p{  
    color:rgb(48, 166, 137)  
}
```

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(48, 166, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 166, 137) }
```

Border

The CSS property to change the border of an element to YUV 127.4120, 4.7269, -69.6443 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(48, 166, 137) }
```


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

```
.border{ border-color:rgb(48, 166, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 166, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 166, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 166, 137);  
box-shadow:4px 4px 4px 4px rgb(48, 166,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 127.4120, 4.7269, -69.6443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 166, 137) }
```

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

```
.background{ background-color: rgb(48, 166,  
137) }
```

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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