

Converting Colors

YUV(132.4120, 4.7269,
-69.6443)

Have a look what the booklet for
YUV(132.4120, 4.7269, -69.6443)
contains.

YUV(132.4120, 4.7269, -69.6443)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(132.4120, 4.7269,
-69.6443)**

Conversions

Conversions Part 1

Format	Color
Hex	35AB8E
RGB	53, 171, 142
RGB Percent	21%, 67%, 56%
CMY	0.7922, 0.3294, 0.4431
CMYK	0.69, 0.00, 0.17, 0.33
HSL	165°, 53%, 44%
HSV	165°, 69%, 67%
XYZ	20.9136, 31.8357, 30.6338
YIQ	132.4120, -61.0190, -34.0350

Conversions

Conversions Part 2

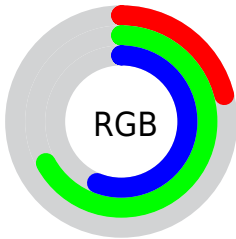
Format	Color
RYB	53, 120, 171
Decimal	3517326
CIELab	63.21, -39.55, 5.51
CIELCh	63, 39.935, 172.067
Yxy	31.8357, 0.2508, 0.3818
Android (android.graphics.Color)	4281707406 (0xFF35AB8E)
YUV	132.4120, 4.7269, -69.6443
Hunter-Lab	56.4231, -32.5783, 7.3059

Details

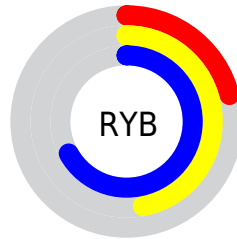
The YUV color **132.4120, 4.7269, -69.6443** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **91.5880, -4.7269, 69.6443**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9780, 2.9688, -65.7557**, and **79.7540, 6.0373, -69.9443** is the 20% darker color. If you saturate the color by 10%, you get **126.8730, 5.4856, -79.6956**, and if you desaturate by 10%, it is **137.9510, 3.9682, -59.5930**.

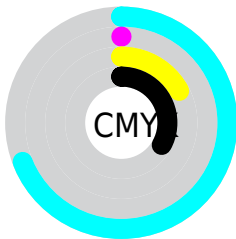
Distribution



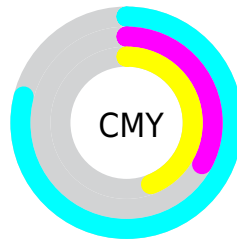
- Red (21%)
- Green (67%)
- Blue (56%)



- Red (21%)
- Yellow (47%)
- Blue (67%)



- Cyan (69%)
- Magenta (0%)
- Yellow (17%)
- Black (33%)




- Cyan (79%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.4120, 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 132.4120, 4.7269, -69.6443 by changing the saturation by 10% instead.

 132.4120, 4.7269,
-69.6443

 132.4120, 4.7269,
-69.6443

255.0000, 0.0000,
0.0000

 98.0510, 8.8489,
-85.1137


 189.9780, 2.9688,
-65.7557


 79.7540, 6.0373,
-69.9443


 218.2770, 2.8214,
-65.1409


 61.7560, 3.0783,
-54.1600


 230.1400, 10.7770,
-50.1118

 45.1600, 0.4141,
-39.6053

 239.1530, 7.8126,
-32.5832

 29.2650, -2.1026,
-25.6654

 248.1230, 3.3904,
-14.1399

 11.1530, -5.4984,
-9.7812

 0.0000, 0.0000,

0.0000

■ 132.4120, 4.7269,
-69.6443

■ 132.4120, 4.7269,
-69.6443

■ 126.8730, 5.4856,
-79.6956

■ 137.9510, 3.9682,
-59.5930

■ 121.3340, 6.2443,
-89.7469

■ 143.4900, 3.2094,
-49.5417

■ 115.6810, 6.5663,
-99.6982

■ 149.1430, 2.8875,
-39.5904

■ 115.0830, 6.8611,
-100.9278

■ 154.6820, 2.1288,
-29.5391

■ 160.2210, 1.3700,
-19.4878

■ 166.0590, 0.4639,
-8.8217

■ 171.5980, -0.2948,
1.2296

■ 177.2510, -0.6167,
11.1809

■ 182.7900, -1.3755,
21.2322

Harmonies

Analogous

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



142.6330, -17.0741, -30.3731



132.4120, 4.7269, -69.6443



120.6690, 28.2642, -105.8267

Triad

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



132.4120, 4.7269, -69.6443



153.7130, 32.1865, -10.2723



152.9080, -27.0696, 49.1927

Complementary

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



132.4120, 4.7269, -69.6443



91.5880, -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.



154.6330, -13.1301, 58.2039



132.4120, 4.7269, -69.6443



157.3280, 19.5583, 26.8993

Square

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



132.4120, 4.7269, -69.6443



141.7780, 40.0424, -56.8103



156.3560, 3.7685, 51.4308



151.2400, -34.1353, 28.7305

Rectangle

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



132.4120, 4.7269, -69.6443



122.0030, 38.4525, -106.9966



156.3560, 3.7685, 51.4308



153.3800, -22.8653, 54.0407

Sweetspot

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



132.4120, 4.7269, -69.6443



206.5790, 1.6866, -27.6948



130.9370, -38.4229, -42.9177



102.8300, 1.0698, -16.5139



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



132.4120, 4.7269, -69.6443



161.8540, 7.4670, -108.6200



118.1080, 26.0758, -57.0997



84.0810, 0.4531, -5.3330



100.9320, 5.9495, -88.5174



15.4390, 0.7696, -13.5400

Inverse Universe

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



91.5880, -4.7269, 69.6443



98.1460, -7.4670, 108.6200



105.3050, -25.7864, 57.6145



80.9190, -0.4531, 5.3330



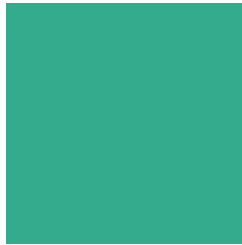
49.0680, -5.9495, 88.5174



7.5610, -0.7696, 13.5400

Previews

White Background



This preview shows how the YUV color 132.4120, 4.7269, -69.6443 looks on a white background.

Color Contrast Check

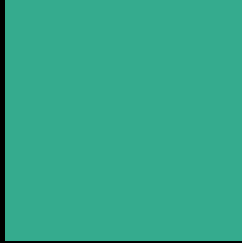
Large Text (above 18pt) WCAG AA × Fail

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 132.4120, 4.7269, -69.6443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

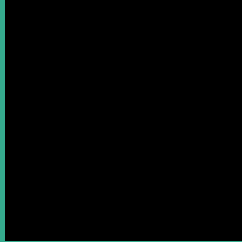
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 132.4120, 4.7269, -69.6443 Background



This preview shows how black text looks on a background with the YUV color 132.4120, 4.7269, -69.6443.



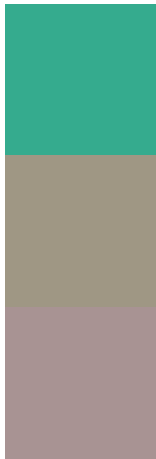
This preview shows how white text looks on a background with the YUV color 132.4120, 4.7269, -69.6443.

-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

132.4120, 4.7269, -69.6443

Protanopia

151.2260, -9.4784, 6.8178

Deuteranopia

153.2790, -3.0955, 12.9103



Tritanopia

138.7780, 19.8294, -60.3183

Trichromacy



Original Color

132.4120, 4.7269, -69.6443

Protanomaly

144.1300, -4.0081, -21.1620

Deuteranomaly

145.7760, -0.3826, -17.3436

Tritanomaly

136.6760, 14.4567, -63.7369

Monochromacy



Original Color

132.4120, 4.7269, -69.6443

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.0030, 1.9705, -25.4356

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.4120, 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(53, 171, 142)` looks like.

```
.text, #text, p{  
    color:rgb(53, 171, 142)  
}
```

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(53, 171, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 171, 142) }
```

Border

The CSS property to change the border of an element to YUV 132.4120, 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(53, 171, 142) }
```


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

```
.border{ border-color:rgb(53, 171, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 171, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 171, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 171, 142);  
box-shadow:4px 4px 4px 4px rgb(53, 171,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 132.4120, 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(53, 171, 142) }
```

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

```
.background{ background-color: rgb(53, 171,  
142) }
```

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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