

Converting Colors

YUV(56.7110, 31.6945,
-39.2115)

Have a look what the booklet for
YUV(56.7110, 31.6945, -39.2115)
contains.

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Color

**YUV(56.7110, 31.6945,
-39.2115)**

Conversions

Conversions Part 1

Format	Color
Hex	0C4379
RGB	12, 67, 121
RGB Percent	5%, 26%, 47%
CMY	0.9529, 0.7373, 0.5255
CMYK	0.90, 0.45, 0.00, 0.53
HSL	210°, 82%, 26%
HSV	210°, 90%, 47%
XYZ	5.6100, 5.4729, 18.8499
YIQ	56.7110, -50.1140, 5.1340

Conversions

Conversions Part 2

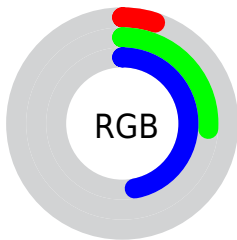
Format	Color
R_{YB}	12, 49, 121
Decimal	803705
CIE _{Lab}	28.04, 4.84, -35.53
CIE _{LCh}	28, 35.861, 277.756
Yxy	5.4729, 0.1874, 0.1828
Android (android.graphics.Color)	4278993785 (0xFF0C4379)
YUV	56.7110, 31.6945, -39.2115
Hunter-Lab	23.3943, 1.8642, -31.3966

Details

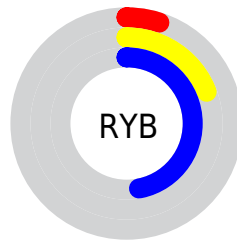
The YUV color **56.7110, 31.6945, -39.2115** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **76.2890, -31.6945, 39.2115**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.6630, 31.2251, -28.6455**, and **22.8830, 24.2147, -20.0684** is the 20% darker color. If you saturate the color by 10%, you get **49.6010, 35.1997, -43.5001**, and if you desaturate by 10%, it is **63.8210, 28.1892, -34.9230**.

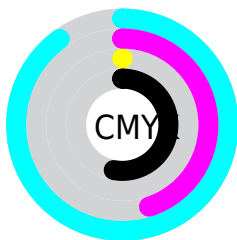
Distribution



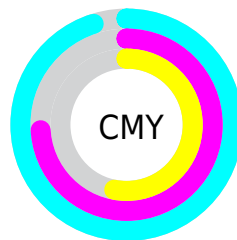
- Red (5%)
- Green (26%)
- Blue (47%)



- Red (5%)
- Yellow (19%)
- Blue (47%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (74%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.7110, 31.6945, -39.2115 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 56.7110, 31.6945, -39.2115 by changing the saturation by 10% instead.

■ 56.7110, 31.6945,
-39.2115

■ 56.7110, 31.6945,
-39.2115

■ 255.0000, 0.0000,
0.0000

■ 37.3590, 28.9100,
-32.7638

■ 110.6630, 31.2251,
-28.6455

■ 22.8830, 24.2147,
-20.0684

■ 136.7880, 31.6565,
-27.0011

■ 7.9340, 20.2455,
-6.9581

■ 163.4290, 32.8195,
-26.6862

■ 3.6650, 11.5042,
-3.2142

■ 190.5000, 31.7985,
-25.8715

■ 0.0000, 0.0000,
0.0000

■ 215.6070, 19.4207,
-22.4573

■ 241.0020, 6.9010,

-20.1728

252.9070, 1.0318,
-4.3034

56.7110, 31.6945,
-39.2115

56.7110, 31.6945,
-39.2115

49.6010, 35.1997,
-43.5001

63.8210, 28.1892,
-34.9230

70.9310, 24.6840,
-30.6345

78.0410, 21.1788,
-26.3460

85.1510, 17.6736,
-22.0574

92.2610, 14.1683,
-17.7689

■ 99.6700, 10.5157,
-12.8656

■ 106.7800, 7.0105,
-8.5771

■ 113.8900, 3.5052,
-4.2885

■ 121.0000, 0.0000,
0.0000

Harmonies

Analogous

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



57.3630, 29.4010, -50.3074



56.7110, 31.6945, -39.2115



68.1360, 20.6390, 6.8967

Triad

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



56.7110, 31.6945, -39.2115



64.3660, -14.9704, 41.7750



50.8020, -3.3534, -44.5534

Complementary

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



56.7110, 31.6945, -39.2115



76.2890, -31.6945, 39.2115

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.



58.7600, -19.6017, -12.9445



56.7110, 31.6945, -39.2115



63.5310, -25.4048, 28.4753

Square

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



56.7110, 31.6945, -39.2115



64.4170, -2.1776, 45.2383



61.4980, -28.8395, 10.0873



54.6950, 9.0244, -47.9675

Rectangle

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



56.7110, 31.6945, -39.2115



67.5360, 14.0328, 25.8399



61.4980, -28.8395, 10.0873



52.4780, -8.6167, -36.3762

Sweetspot

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



56.7110, 31.6945, -39.2115



132.8160, 12.4157, -15.6246



82.0250, -8.3933, -61.4119



64.4810, 7.1579, -9.1918



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



56.7110, 31.6945, -39.2115



64.9720, 45.8628, -56.9804



25.6000, 47.0322, -11.9272



57.4450, 1.7526, -2.1443



51.2310, 36.3681, -44.9296



103.2770, 73.3204, -90.5739

Inverse Universe

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



50.8610, 7.9565, 61.5119



56.3620, 11.6535, 89.1365



107.4000, -47.0322, 11.9272



57.1360, 0.4260, 3.3887



44.5570, 9.0924, 70.5485



89.8260, 18.3268, 142.2266

Previews

White Background



This preview shows how the YUV color 56.7110, 31.6945, -39.2115 looks on a white 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

Black Background



This preview shows how the YUV color 56.7110, 31.6945, -39.2115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

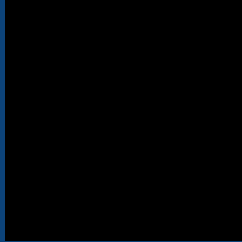
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.7110, 31.6945, -39.2115

Background



This preview shows how black text looks on a background with the YUV color 56.7110, 31.6945, -39.2115.



This preview shows how white text looks on a background with the YUV color 56.7110, 31.6945,

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

56.7110, 31.6945, -39.2115

Protanopia

63.2790, 26.9775, -19.5387

Deuteranopia

53.4820, 32.3004, -46.9037



Tritanopia

52.4440, 13.0921, -45.9934

Trichromacy



Original Color

56.7110, 31.6945, -39.2115

Protanomaly

60.6910, 28.7463, -26.9160

Deuteranomaly

54.7920, 32.1475, -44.5446

Tritanomaly

53.5890, 19.9226, -43.4896

Monochromacy



Original Color

56.7110, 31.6945, -39.2115

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1860, 11.2473, -14.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.7110, 31.6945, -39.2115 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(12, 67, 121)` looks like.

```
.text, #text, p{  
    color:rgb(12, 67, 121)  
}
```

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(12, 67, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 67, 121) }
```

Border

The CSS property to change the border of an element to YUV 56.7110, 31.6945, -39.2115 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(12, 67, 121) }
```


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

```
.border{ border-color:rgb(12, 67, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 67, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 67, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 67, 121);  
box-shadow:4px 4px 4px 4px rgb(12, 67,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 56.7110, 31.6945, -39.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 67, 121) }
```

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

```
.background{ background-color: rgb(12, 67,  
121) }
```

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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