

Converting Colors

YUV(127.0710, 8.8390,
-35.1423)

Have a look what the booklet for
YUV(127.0710, 8.8390, -35.1423)
contains.

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Color

**YUV(127.0710, 8.8390,
-35.1423)**

Conversions

Conversions Part 1

Format	Color
Hex	579091
RGB	87, 144, 145
RGB Percent	34%, 56%, 57%
CMY	0.6588, 0.4353, 0.4314
CMYK	0.40, 0.01, 0.00, 0.43
HSL	181°, 25%, 45%
HSV	181°, 40%, 57%
XYZ	19.0146, 24.0171, 30.4217
YIQ	127.0710, -34.2930, -11.7730

Conversions

Conversions Part 2

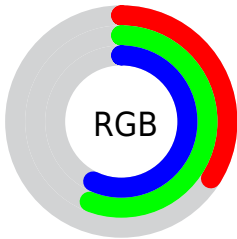
Format	Color
R_{YB}	87, 116, 145
Decimal	5738641
CIE _{Lab}	56.10, -18.37, -6.43
CIE _{LCh}	56, 19.462, 199.293
Yxy	24.0171, 0.2589, 0.3270
Android (android.graphics.Color)	4283928721 (0xFF579091)
YUV	127.0710, 8.8390, -35.1423
Hunter-Lab	49.0072, -16.5055, -2.4997

Details

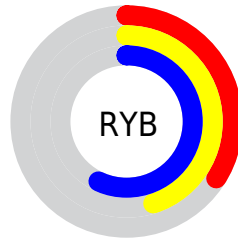
The YUV color **127.0710, 8.8390, -35.1423** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **104.9290, -8.8390, 35.1423**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7720, 8.9864, -35.7570**, and **75.5870, 9.5706, -36.4718** is the 20% darker color. If you saturate the color by 10%, you get **122.8850, 10.9027, -43.7491**, and if you desaturate by 10%, it is **131.5560, 6.6279, -25.9206**.

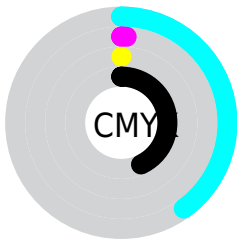
Distribution



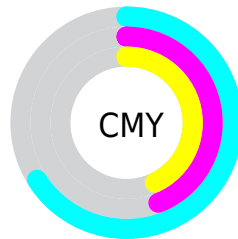
- Red (34%)
- Green (56%)
- Blue (57%)



- Red (34%)
- Yellow (45%)
- Blue (57%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (66%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0710, 8.8390, -35.1423 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 127.0710, 8.8390, -35.1423 by changing the saturation by 10% instead.

■ 127.0710, 8.8390,
-35.1423

■ 127.0710, 8.8390,
-35.1423

■ 255.0000, 0.0000,
0.0000

■ 101.0710, 8.8390,
-35.1423

■ 180.7720, 8.9864,
-35.7570

■ 75.5870, 9.5706,
-36.4718

■ 208.4730, 9.1338,
-36.3718

■ 49.1840, 10.7553,
-43.1344

■ 237.0600, 8.8444,
-36.8866

■ 33.1750, 7.8017,
-29.0945

■ 245.7310, 4.5696,
-19.0581

■ 19.6280, 4.1274,
-17.2138

■ 254.4020, 0.2948,
-1.2296

■ 0.0000, 0.0000,
0.0000

■ 127.0710, 8.8390,
-35.1423

■ 127.0710, 8.8390,
-35.1423

■ 122.8850, 10.9027,
-43.7491

■ 131.5560, 6.6279,
-25.9206

■ 117.8130, 13.4032,
-52.4560

■ 135.7420, 4.5642,
-17.3137

■ 113.6270, 15.4669,
-61.0629

■ 140.8140, 2.0637,
-8.6069

■ 109.1420, 17.6780,
-70.2845

■ 145.0000, 0.0000,
0.0000

■ 104.6570, 19.8891,
-79.5062

■ 149.4850, -2.2111,
9.2217

■ 99.8840, 22.2422,
-87.5983

■ 154.2580, -4.5642,
17.3137

■ 158.7430, -6.7753,
26.5354

■ 162.9290, -8.8390,

35.1423

■ 167.4140,
-11.0501, 44.3639

Harmonies

Analogous

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



128.4220, -0.2080, -26.6801



127.0710, 8.8390, -35.1423



128.2050, 15.6749, -34.3828

Triad

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



127.0710, 8.8390, -35.1423



137.2970, 9.7136, 11.1405



134.2720, -15.9101, 16.4245

Complementary

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



127.0710, 8.8390, -35.1423



104.9290, -8.8390, 35.1423

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.



135.8370, -12.7376, 25.5760



127.0710, 8.8390, -35.1423



137.3110, 1.8187, 23.4063

Square

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



127.0710, 8.8390, -35.1423



134.9790, 15.2934, -5.2436



136.8680, -6.3439, 28.1798



132.7110, -15.1405, 2.8845

Rectangle

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



127.0710, 8.8390, -35.1423



130.1180, 17.6898, -27.2905



136.8680, -6.3439, 28.1798



134.7070, -15.6316, 20.4280

Sweetspot

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



127.0710, 8.8390, -35.1423



181.5360, 3.6798, -13.6251



121.1600, -16.3479, -29.9583



90.1130, 1.9163, -7.9921



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



127.0710, 8.8390, -35.1423



160.6170, 13.9928, -54.9151



110.0480, 17.2313, -20.2131



68.9070, 1.0318, -4.3034



93.4610, 20.4787, -81.9653



5.6080, 1.1793, -4.9182

Inverse Universe

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



110.8400, 16.3479, 29.9583



135.3550, 25.4610, 47.0467



121.9520, -17.2313, 20.2131



66.8910, 2.0257, 3.6036



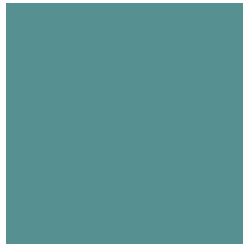
55.5270, 38.1942, 69.6978



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 127.0710, 8.8390, -35.1423 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 127.0710, 8.8390, -35.1423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

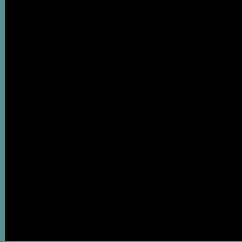
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.0710, 8.8390, -35.1423

Background



This preview shows how black text looks on a background with the YUV color 127.0710, 8.8390, -35.1423.



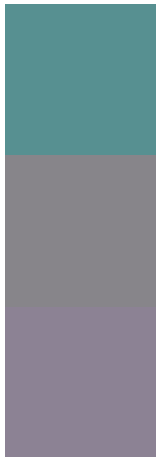
This preview shows how white text looks on a background with the YUV color 127.0710, 8.8390,

-35.1423.

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

127.0710, 8.8390, -35.1423

Protanopia

134.1680, 1.8892, 0.7297

Deuteranopia

135.0420, 6.3883, 4.3482



Tritanopia

128.4070, 12.6173, -33.6829

Trichromacy



Original Color

127.0710, 8.8390, -35.1423

Protanomaly

131.7750, 4.5479, -12.0807

Deuteranomaly

132.1820, 7.3053, -9.8066

Tritanomaly

127.7660, 11.4544, -33.9978

Monochromacy



Original Color

127.0710, 8.8390, -35.1423

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8350, 3.5323, -13.0103

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0710, 8.8390, -35.1423 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(87, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(87, 144, 145)  
}
```

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(87, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 144, 145) }
```

Border

The CSS property to change the border of an element to YUV 127.0710, 8.8390, -35.1423 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(87, 144, 145) }
```


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

```
.border{ border-color:rgb(87, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(87, 144,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 127.0710, 8.8390, -35.1423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 144, 145) }
```

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

```
.background{ background-color: rgb(87, 144,  
145) }
```

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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