

Converting Colors

YUV(120.8640, 9.4340,
-39.3457)

Have a look what the booklet for
YUV(120.8640, 9.4340, -39.3457)
contains.

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Color

**YUV(120.8640, 9.4340,
-39.3457)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8C8C
RGB	76, 140, 140
RGB Percent	30%, 55%, 55%
CMY	0.7020, 0.4510, 0.4510
CMYK	0.46, 0.00, 0.00, 0.45
HSL	180°, 30%, 42%
HSV	180°, 46%, 55%
XYZ	17.0922, 22.1861, 28.1924
YIQ	120.8640, -38.1440, -13.5680

Conversions

Conversions Part 2

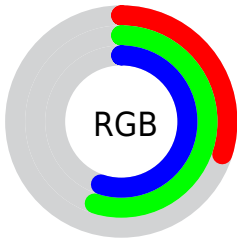
Format	Color
R_{YB}	76, 108, 140
Decimal	5016716
CIE _{Lab}	54.22, -20.47, -6.40
CIE _{LCh}	54, 21.445, 197.359
Yxy	22.1861, 0.2533, 0.3288
Android (android.graphics.Color)	4283206796 (0xFF4C8C8C)
YUV	120.8640, 9.4340, -39.3457
Hunter-Lab	47.1021, -17.6555, -2.5158

Details

The YUV color **120.8640, 9.4340, -39.3457** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **95.1360, -9.4340, 39.3457**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4510, 9.1447, -39.8605**, and **68.4720, 10.6133, -44.2639** is the 20% darker color. If you saturate the color by 10%, you get **116.6780, 11.4977, -47.9526**, and if you desaturate by 10%, it is **125.0500, 7.3704, -30.7388**.

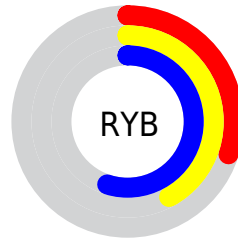
Distribution



Red (30%)

Green (55%)

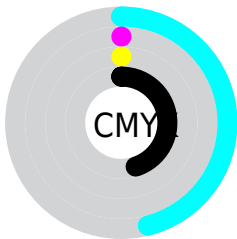
Blue (55%)



Red (30%)

Yellow (42%)

Blue (55%)

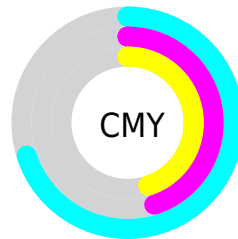


Cyan (46%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (70%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8640, 9.4340, -39.3457 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 120.8640, 9.4340, -39.3457 by changing the saturation by 10% instead.

■ 120.8640, 9.4340,
-39.3457

■ 120.8640, 9.4340,
-39.3457

■ 255.0000, 0.0000,
0.0000

■ 94.6790, 10.0183,
-40.0605

■ 174.4510, 9.1447,
-39.8605

■ 68.4720, 10.6133,
-44.2639

■ 202.4510, 9.1447,
-39.8605

■ 46.3800, 10.1657,
-40.6753

■ 230.5650, 9.5815,
-39.9605

■ 30.3710, 7.2121,
-26.6354

■ 242.4420, 6.1911,
-25.8206

■ 16.8240, 3.5378,
-14.7546

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 120.8640, 9.4340,
-39.3457

■ 120.8640, 9.4340,
-39.3457

■ 116.6780, 11.4977,
-47.9526

■ 125.0500, 7.3704,
-30.7388

■ 112.4920, 13.5614,
-56.5595

■ 129.2360, 5.3067,
-22.1320

■ 108.3060, 15.6251,
-65.1664

■ 133.4220, 3.2430,
-13.5251

■ 104.1200, 17.6888,
-73.7732

■ 137.6080, 1.1793,
-4.9182

■ 99.9340, 19.7525,
-82.3801

■ 141.7940, -0.8844,
3.6887

■ 98.1400, 20.6370,
-86.0688

■ 145.9800, -2.9481,
12.2955

■ 150.1660, -5.0118,
20.9024

■ 154.3520, -7.0755,

29.5093

■ 158.5380, -9.1392,
38.1162

Harmonies

Analogous

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



122.8840, -0.9288, -28.8393



120.8640, 9.4340, -39.3457



121.8130, 16.8542, -39.3010

Triad

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



120.8640, 9.4340, -39.3457



132.3510, 11.1660, 11.9702



129.5280, -17.5153, 17.9539

Complementary

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



120.8640, 9.4340, -39.3457



95.1360, -9.4340, 39.3457

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.



130.9190, -13.7641, 28.1350



120.8640, 9.4340, -39.3457



132.8490, 2.5394, 25.5654

Square

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



120.8640, 9.4340, -39.3457



130.4240, 17.0460, -7.3878



131.5910, -6.2074, 31.0537



127.6680, -16.5983, 3.7992

Rectangle

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



120.8640, 9.4340, -39.3457



124.1390, 19.1585, -31.6939



131.5910, -6.2074, 31.0537



130.0770, -16.8000, 21.8575

Sweetspot

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



120.8640, 9.4340, -39.3457



173.5250, 3.6852, -15.3694



113.5680, -18.5210, -32.9471



87.2160, 2.3585, -9.8364



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



120.8640, 9.4340, -39.3457



151.1000, 14.7407, -61.4777



102.0800, 18.6946, -22.8722



66.9070, 1.0318, -4.3034



93.2330, 19.6051, -81.7653



3.5050, 0.7370, -3.0739

Inverse Universe

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



102.4320, 18.5210, 32.9471



122.3000, 28.9391, 51.4799



113.9200, -18.6946, 22.8722



64.8910, 2.0257, 3.6036



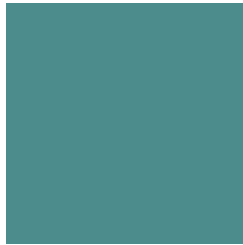
54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 120.8640, 9.4340, -39.3457 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 120.8640, 9.4340, -39.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

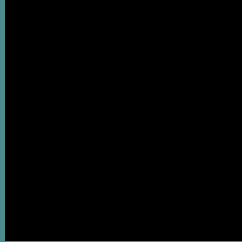
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.8640, 9.4340, -39.3457

Background



This preview shows how black text looks on a background with the YUV color 120.8640, 9.4340, -39.3457.



This preview shows how white text looks on a background with the YUV color 120.8640, 9.4340,

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

120.8640, 9.4340, -39.3457

Protanopia

129.1680, 1.8892, 0.7297

Deuteranopia

130.6290, 6.0989, 3.8334



Tritanopia

122.3140, 13.6492, -37.9864

Trichromacy



Original Color

120.8640, 9.4340, -39.3457

Protanomaly

125.8780, 4.9901, -13.9250

Deuteranomaly

127.1710, 7.3107, -11.5510

Tritanomaly

121.5590, 12.0494, -38.2012

Monochromacy



Original Color

120.8640, 9.4340, -39.3457

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8640, 9.4340, -39.3457 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(76, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(76, 140, 140)  
}
```

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(76, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 140, 140) }
```

Border

The CSS property to change the border of an element to YUV 120.8640, 9.4340, -39.3457 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(76, 140, 140) }
```


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

```
.border{ border-color:rgb(76, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(76, 140,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 120.8640, 9.4340, -39.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 140, 140) }
```

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

```
.background{ background-color: rgb(76, 140,  
140) }
```

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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