

Converting Colors

YUV(126.0040, 13.8020,
-40.3455)

Have a look what the booklet for
YUV(126.0040, 13.8020, -40.3455)
contains.

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Color

**YUV(126.0040, 13.8020,
-40.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	50909A
RGB	80, 144, 154
RGB Percent	31%, 56%, 60%
CMY	0.6863, 0.4353, 0.3961
CMYK	0.48, 0.06, 0.00, 0.40
HSL	188°, 32%, 46%
HSV	188°, 48%, 60%
XYZ	19.1143, 23.9851, 34.1940
YIQ	126.0040, -41.3540, -10.4580

Conversions

Conversions Part 2

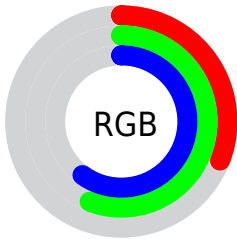
Format	Color
R_{YB}	80, 114, 154
Decimal	5279898
CIE _{Lab}	56.07, -17.72, -11.68
CIE _{LCh}	56, 21.224, 213.391
Yxy	23.9851, 0.2473, 0.3103
Android (android.graphics.Color)	4283469978 (0xFF50909A)
YUV	126.0040, 13.8020, -40.3455
Hunter-Lab	48.9746, -16.0388, -7.1140

Details

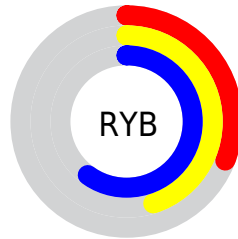
The YUV color **126.0040, 13.8020, -40.3455** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **107.9960, -13.8020, 40.3455**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0040, 13.8020, -40.3455**, and **72.9110, 14.8339, -44.6489** is the 20% darker color. If you saturate the color by 10%, you get **120.3450, 16.5919, -48.5376**, and if you desaturate by 10%, it is **131.6630, 11.0121, -32.1535**.

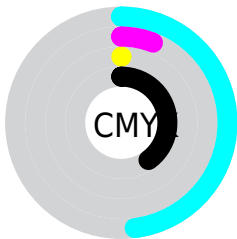
Distribution



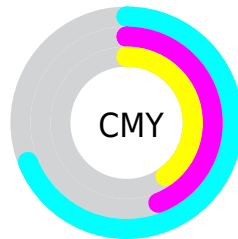
- Red (31%)
- Green (56%)
- Blue (60%)



- Red (31%)
- Yellow (45%)
- Blue (60%)



- Cyan (48%)
- Magenta (6%)
- Yellow (0%)
- Black (40%)



- Cyan (69%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.0040, 13.8020, -40.3455 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 126.0040, 13.8020, -40.3455 by changing the saturation by 10% instead.

■ 126.0040, 13.8020,
-40.3455

■ 126.0040, 13.8020,
-40.3455

■ 255.0000, 0.0000,
0.0000

■ 99.7050, 13.9494,
-40.9603

■ 180.0040, 13.8020,
-40.3455

■ 72.9110, 14.8339,
-44.6489

■ 208.1180, 14.2388,
-40.4455

■ 50.0960, 14.2497,
-43.9342

■ 235.5650, 9.5815,
-39.9605

■ 33.9730, 10.8593,
-29.7943

■ 243.9370, 5.4541,
-22.7467

■ 20.4260, 7.1850,
-17.9136

■ 252.9070, 1.0318,
-4.3034

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 126.0040, 13.8020,
-40.3455

■ 126.0040, 13.8020,
-40.3455

■ 120.3450, 16.5919,
-48.5376

■ 131.6630, 11.0121,
-32.1535

■ 114.3870, 19.5292,
-57.3444

■ 137.6210, 8.0748,
-23.3466

■ 108.7280, 22.3191,
-65.5365

■ 143.2800, 5.2850,
-15.1546

■ 102.7700, 25.2564,
-74.3433

■ 149.2380, 2.3477,
-6.3477

■ 97.1110, 28.0463,
-82.5353

■ 154.8970, -0.4422,
1.8443

■ 95.6270, 28.7779,
-83.8649

■ 160.5560, -3.2321,
10.0364

■ 167.1010, -6.4588,
18.3284

■ 172.7600, -9.2487,
26.5205

■ 178.7180,
-12.1860, 35.3273

Harmonies

Analogous

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



126.6320, 4.6184, -34.7573



126.0040, 13.8020, -40.3455



129.0140, 18.7271, -33.3383

Triad

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



126.0040, 13.8020, -40.3455



137.2550, 6.7763, 19.9474



133.4840, -17.4936, 10.9765

Complementary

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



126.0040, 13.8020, -40.3455



107.9960, -13.8020, 40.3455

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.



135.2020, -16.3686, 23.5018



126.0040, 13.8020, -40.3455



137.3180, -2.1288, 29.5391

Square

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



126.0040, 13.8020, -40.3455



136.3930, 14.1033, 3.1633



136.4400, -10.5699, 30.3091



131.0090, -13.8084, -4.3929

Rectangle

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



126.0040, 13.8020, -40.3455



131.6070, 19.4207, -22.4573



136.4400, -10.5699, 30.3091



134.1040, -17.7993, 15.6948

Sweetspot

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



126.0040, 13.8020, -40.3455



190.8670, 4.9956, -15.6694



124.5780, -17.0470, -39.0949



95.7430, 3.0847, -9.4216



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



126.0040, 13.8020, -40.3455



157.5110, 21.4401, -63.5921



104.2850, 24.5095, -21.2979



73.4340, 1.7580, -3.8886



86.9870, 26.1354, -76.2876



7.9390, 2.4951, -6.9625

Inverse Universe

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



109.4220, 17.0470, 39.0949



131.1980, 27.0174, 61.2164



129.7150, -24.5095, 21.2979



72.0760, 1.4415, 4.3183



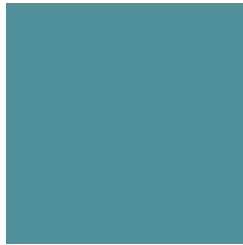
55.6540, 32.2156, 73.9714



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 126.0040, 13.8020, -40.3455 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 126.0040, 13.8020, -40.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

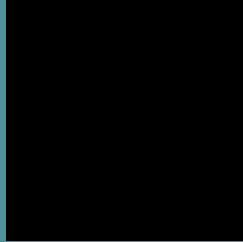
Any Text WCAG AA ✓ Pass

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 126.0040, 13.8020, -40.3455 Background



This preview shows how black text looks on a background with the YUV color 126.0040, 13.8020, -40.3455.

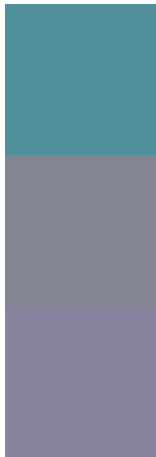


This preview shows how white text looks on a background with the YUV color 126.0040, 13.8020,

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

126.0040, 13.8020, -40.3455

Protanopia

134.2970, 6.2626, -2.0145

Deuteranopia

135.4590, 10.6197, 0.4745



Tritanopia

126.1180, 14.2388, -40.4455

Trichromacy



Original Color

126.0040, 13.8020, -40.3455

Protanomaly

131.3060, 9.2161, -16.0544

Deuteranomaly

132.3000, 11.6841, -14.2951

Tritanomaly

126.1180, 14.2388, -40.4455

Monochromacy



Original Color

126.0040, 13.8020, -40.3455

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1660, 4.8482, -15.0546

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.0040, 13.8020, -40.3455 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(80, 144, 154)` looks like.

```
.text, #text, p{  
    color:rgb(80, 144, 154)  
}
```

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(80, 144, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 144, 154) }
```

Border

The CSS property to change the border of an element to YUV 126.0040, 13.8020, -40.3455 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(80, 144, 154) }
```


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

```
.border{ border-color:rgb(80, 144, 154) }
```

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

Here you see how a box with a 4 pixel rgb(80, 144, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 144, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 144, 154);  
box-shadow:4px 4px 4px 4px rgb(80, 144,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 126.0040, 13.8020, -40.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 144, 154) }
```

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

```
.background{ background-color: rgb(80, 144,  
154) }
```

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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