

Converting Colors

YUV(88.3460, 15.1124,
-40.6454)

Have a look what the booklet for
YUV(88.3460, 15.1124, -40.6454)
contains.

YUV(88.3460, 15.1124, -40.6454)	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(88.3460, 15.1124,
-40.6454)**

Conversions

Conversions Part 1

Format	Color
Hex	2A6A77
RGB	42, 106, 119
RGB Percent	16%, 42%, 47%
CMY	0.8353, 0.5843, 0.5333
CMYK	0.65, 0.11, 0.00, 0.53
HSL	190°, 48%, 32%
HSV	190°, 65%, 47%
XYZ	9.4387, 12.1322, 19.2970
YIQ	88.3460, -42.3170, -9.5250

Conversions

Conversions Part 2

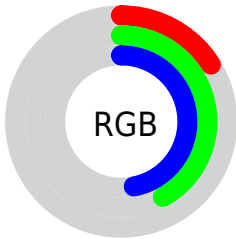
Format	Color
RYB	42, 77, 119
Decimal	2779767
CIELab	41.43, -15.98, -13.33
CIElCh	41, 20.813, 219.833
Yxy	12.1322, 0.2310, 0.2969
Android (android.graphics.Color)	4280969847 (0xFF2A6A77)
YUV	88.3460, 15.1124, -40.6454
Hunter-Lab	34.8313, -12.5846, -8.4656

Details

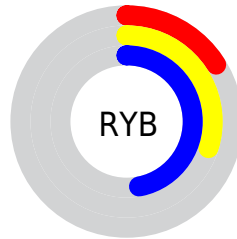
The YUV color **88.3460, 15.1124, -40.6454** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.6540, -15.1124, 40.6454**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6560, 14.9596, -38.2863**, and **42.7270, 13.9386, -37.4716** is the 20% darker color. If you saturate the color by 10%, you get **83.5840, 17.4601, -46.9932**, and if you desaturate by 10%, it is **93.1080, 12.7648, -34.2977**.

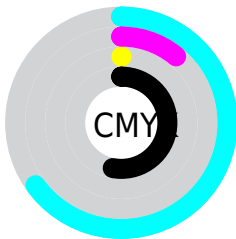
Distribution



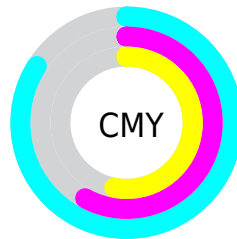
- Red (16%)
- Green (42%)
- Blue (47%)



- Red (16%)
- Yellow (30%)
- Blue (47%)



- Cyan (65%)
- Magenta (11%)
- Yellow (0%)
- Black (53%)



- Cyan (84%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3460, 15.1124, -40.6454 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 88.3460, 15.1124, -40.6454 by changing the saturation by 10% instead.

88.3460, 15.1124,
-40.6454

88.3460, 15.1124,
-40.6454

255.0000, 0.0000,
0.0000

60.3450, 16.5919,
-48.5376

140.6560, 14.9596,
-38.2863

42.7270, 13.9386,
-37.4716

167.6560, 14.9596,
-38.2863

27.1910, 10.2588,
-23.8465

195.4710, 15.5438,
-39.0011

9.6490, 9.0470,
-8.4622

224.0580, 15.2544,
-39.5159

0.0000, 0.0000,
0.0000

240.6480, 7.0755,
-29.5093

249.3190, 2.8007,

-11.6808

■ 88.3460, 15.1124,
-40.6454

■ 88.3460, 15.1124,
-40.6454

■ 83.5840, 17.4601,
-46.9932

■ 93.1080, 12.7648,
-34.2977

■ 78.8220, 19.8078,
-53.3409

■ 97.8700, 10.4171,
-27.9500

■ 74.0600, 22.1554,
-59.6886

■ 102.6320, 8.0694,
-21.6023

■ 71.6790, 23.3293,
-62.8625

■ 107.3940, 5.7218,
-15.2545

■ 112.1560, 3.3741,
-8.9068

■ 116.6190, 1.1738,
-3.1739

■ 121.3810, -1.1738,
3.1739

■ 126.1430, -3.5215,
9.5216

■ 130.9050, -5.8692,
15.8693

Harmonies

Analogous

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



88.6040, 7.0972, -36.4867



88.3460, 15.1124, -40.6454



92.5090, 17.9901, -30.2644

Triad

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



88.3460, 15.1124, -40.6454



100.0980, 4.8817, 20.9621



95.9180, -15.7356, 7.0879

Complementary

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



88.3460, 15.1124, -40.6454



72.6540, -15.1124, 40.6454

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.



97.9950, -15.7735, 19.2984



88.3460, 15.1124, -40.6454



99.9650, -3.4337, 28.0947

Square

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



88.3460, 15.1124, -40.6454



99.5460, 12.0558, 6.5372



98.7170, -10.7065, 27.4352



93.9700, -11.3242, -7.8667

Rectangle

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



88.3460, 15.1124, -40.6454



95.5860, 17.9521, -18.0539



98.7170, -10.7065, 27.4352



97.0110, -16.7674, 11.3914

Sweetspot

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



88.3460, 15.1124, -40.6454



144.0950, 5.8692, -15.8693



88.6810, -16.6047, -40.9392



71.8570, 3.5215, -9.5216



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.



88.3460, 15.1124, -40.6454



107.1950, 24.0609, -64.1920



66.0400, 26.1093, -21.0831



56.6190, 1.1738, -3.1739



73.7820, 23.7715, -64.7068



150.5960, 49.0062, -132.0727

Inverse Universe

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



72.3190, 16.6047, 40.9392



81.9920, 26.1329, 64.9050



94.9600, -26.1093, 21.0831



55.3640, 1.2995, 3.1888



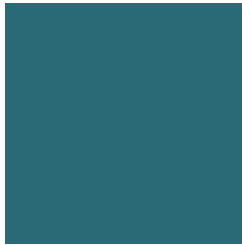
48.1060, 26.5697, 64.8050



98.4620, 54.0022, 132.8988

Previews

White Background



This preview shows how the YUV color 88.3460, 15.1124, -40.6454 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 × Fail

Black Background



This preview shows how the YUV color 88.3460, 15.1124, -40.6454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

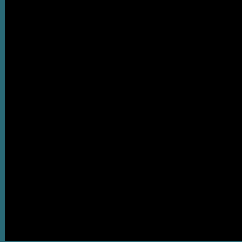
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.3460, 15.1124, -40.6454

Background



This preview shows how black text looks on a background with the YUV color 88.3460, 15.1124, -40.6454.

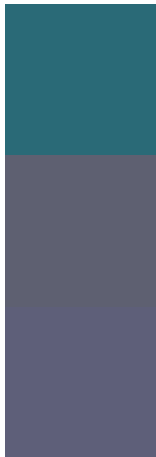


This preview shows how white text looks on a background with the YUV color 88.3460, 15.1124,

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

88.3460, 15.1124, -40.6454

Protanopia

97.3400, 7.7204, -2.9292

Deuteranopia

97.6650, 11.5042, -3.2142



Tritanopia

87.8790, 13.3707, -41.9899

Trichromacy



Original Color

88.3460, 15.1124, -40.6454

Protanomaly

94.2350, 10.2371, -16.8691

Deuteranomaly

94.2180, 12.7105, -16.8542

Tritanomaly

88.2920, 13.6600, -41.4751

Monochromacy



Original Color

88.3460, 15.1124, -40.6454

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2800, 5.2850, -15.1546

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3460, 15.1124, -40.6454 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(42, 106, 119)` looks like.

```
.text, #text, p{  
    color:rgb(42, 106, 119)  
}
```

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(42, 106, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 106, 119) }
```

Border

The CSS property to change the border of an element to YUV 88.3460, 15.1124, -40.6454 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(42, 106, 119) }
```


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

```
.border{ border-color:rgb(42, 106, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 106, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 106, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 106, 119);  
box-shadow:4px 4px 4px 4px rgb(42, 106,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 88.3460, 15.1124, -40.6454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 106, 119) }
```

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

```
.background{ background-color: rgb(42, 106,  
119) }
```

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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