

Converting Colors

YUV(116.6740, 7.5557,
-43.5641)

Have a look what the booklet for
YUV(116.6740, 7.5557, -43.5641)
contains.

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Color

**YUV(116.6740, 7.5557,
-43.5641)**

Conversions

Conversions Part 1

Format	Color
Hex	438B84
RGB	67, 139, 132
RGB Percent	26%, 55%, 52%
CMY	0.7373, 0.4549, 0.4824
CMYK	0.52, 0.00, 0.05, 0.45
HSL	174°, 35%, 40%
HSV	174°, 52%, 55%
XYZ	15.7122, 21.3245, 25.1177
YIQ	116.6740, -40.6650, -17.4410

Conversions

Conversions Part 2

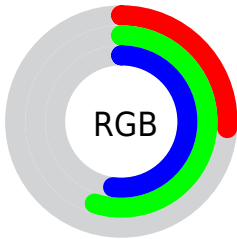
Format	Color
R _{YB}	67, 105, 139
Decimal	4426628
CIE Lab	53.30, -24.31, -3.17
CIE LCh	53, 24.513, 187.436
Yxy	21.3245, 0.2528, 0.3431
Android (android.graphics.Color)	4282616708 (0xFF438B84)
YUV	116.6740, 7.5557, -43.5641
Hunter-Lab	46.1784, -20.0776, 0.0754

Details

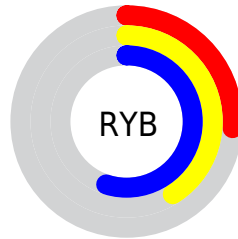
The YUV color **116.6740, 7.5557, -43.5641** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **89.3260, -7.5557, 43.5641**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5600, 7.1189, -43.4641**, and **61.7050, 10.4984, -54.1153** is the 20% darker color. If you saturate the color by 10%, you get **112.3740, 9.1826, -52.0710**, and if you desaturate by 10%, it is **120.9740, 5.9288, -35.0572**.

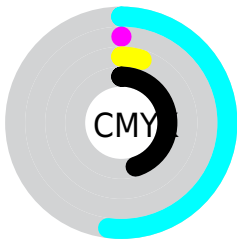
Distribution



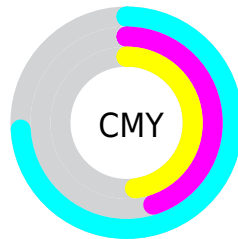
- Red (26%)
- Green (55%)
- Blue (52%)



- Red (26%)
- Yellow (41%)
- Blue (55%)



- Cyan (52%)
- Magenta (0%)
- Yellow (5%)
- Black (45%)



- Cyan (74%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6740, 7.5557, -43.5641 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 116.6740, 7.5557, -43.5641 by changing the saturation by 10% instead.

■ 116.6740, 7.5557,
-43.5641

■ 116.6740, 7.5557,
-43.5641

■ 255.0000, 0.0000,
0.0000

■ 90.1900, 8.2873,
-44.8936

■ 170.5600, 7.1189,
-43.4641

■ 61.7050, 10.4984,
-54.1153

■ 198.2610, 7.2663,
-44.0789

■ 44.9950, 7.3975,
-39.4606

■ 226.8480, 6.9769,
-44.5937

■ 28.9860, 4.4439,
-25.4207

■ 239.7510, 7.5178,
-31.3536

■ 13.6780, 1.6377,
-11.9956

■ 248.4220, 3.2430,
-13.5251

■ 0.0000, 0.0000,
0.0000

■ 116.6740, 7.5557,
-43.5641

■ 116.6740, 7.5557,
-43.5641

■ 112.3740, 9.1826,
-52.0710

■ 120.9740, 5.9288,
-35.0572

■ 107.9600, 10.3727,
-60.4779

■ 125.3880, 4.7387,
-26.6503

■ 103.6600, 11.9996,
-68.9848

■ 129.6880, 3.1118,
-18.1434

■ 99.3600, 13.6265,
-77.4917

■ 133.9880, 1.4849,
-9.6365

■ 95.8430, 14.3744,
-84.0543

■ 138.4020, 0.2948,
-1.2296

■ 142.4030, -1.1847,
6.6626

■ 146.7030, -2.8116,
15.1695

■ 151.1170, -4.0017,

23.5764

■ 155.4170, -5.6286,
32.0833

Harmonies

Analogous

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



120.1570, -5.0074, -27.3247



116.6740, 7.5557, -43.5641



115.9750, 17.7603, -49.9671

Triad

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



116.6740, 7.5557, -43.5641



129.7570, 15.4028, 6.3521



127.8170, -19.1368, 24.7165

Complementary

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



116.6740, 7.5557, -43.5641



89.3260, -7.5557, 43.5641

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.



128.5930, -12.6173, 33.6829



116.6740, 7.5557, -43.5641



130.8750, 6.4706, 24.6656

Square

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



116.6740, 7.5557, -43.5641



126.3950, 21.0043, -17.0094



130.2970, -3.5974, 33.9425



125.7890, -20.1090, 9.8320

Rectangle

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



116.6740, 7.5557, -43.5641



118.3440, 21.5224, -43.2747



130.2970, -3.5974, 33.9425



127.8930, -17.6952, 29.0348

Sweetspot

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



116.6740, 7.5557, -43.5641



171.9870, 2.9644, -17.5286



111.3570, -21.8680, -32.7621



86.3900, 1.7797, -10.8660



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.



116.6740, 7.5557, -43.5641



146.2580, 11.7048, -67.7553



100.4490, 19.0056, -29.3348



66.7930, 0.5951, -4.2035



91.7510, 13.9268, -80.4656



3.5050, 0.7370, -3.0739

Inverse Universe

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



89.3260, -7.5557, 43.5641



103.7420, -11.7048, 67.7553



105.5510, -19.0056, 29.3348



64.2070, -0.5951, 4.2035



41.2490, -13.9268, 80.4656



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 116.6740, 7.5557, -43.5641 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 116.6740, 7.5557, -43.5641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

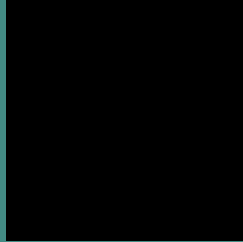
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.6740, 7.5557, -43.5641

Background



This preview shows how black text looks on a background with the YUV color 116.6740, 7.5557, -43.5641.



This preview shows how white text looks on a background with the YUV color 116.6740, 7.5557,

-43.5641.

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

116.6740, 7.5557, -43.5641

Protanopia

126.6690, -1.3158, 2.0443

Deuteranopia

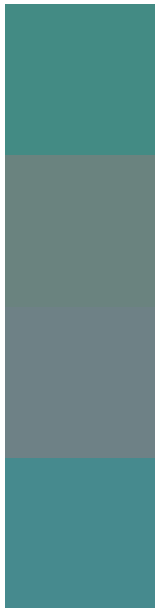
127.9560, 3.4727, 6.1776



Tritanopia

118.8190, 14.3862, -41.0603

Trichromacy



Original Color

116.6740, 7.5557, -43.5641

Protanomaly

123.0690, 1.9380, -14.9695

Deuteranomaly

123.8890, 4.9847, -12.1807

Tritanomaly

118.1240, 11.7709, -42.2047

Monochromacy



Original Color

116.6740, 7.5557, -43.5641

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8840, 2.5222, -15.6843

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6740, 7.5557, -43.5641 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(67, 139, 132)` looks like.

```
.text, #text, p{  
    color:rgb(67, 139, 132)  
}
```

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(67, 139, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 139, 132) }
```

Border

The CSS property to change the border of an element to YUV 116.6740, 7.5557, -43.5641 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(67, 139, 132) }
```


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

```
.border{ border-color:rgb(67, 139, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 139, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 139, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 139, 132);  
box-shadow:4px 4px 4px 4px rgb(67, 139,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 116.6740, 7.5557, -43.5641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 139, 132) }
```

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

```
.background{ background-color: rgb(67, 139,  
132) }
```

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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