

Converting Colors

YUV(109.2440, 3.3307, 5.0480)

Have a look what the booklet for
YUV(109.2440, 3.3307, 5.0480)
contains.

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Color

**YUV(109.2440, 3.3307,
5.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	736974
RGB	115, 105, 116
RGB Percent	45%, 41%, 45%
CMY	0.5490, 0.5882, 0.5451
CMYK	0.01, 0.09, 0.00, 0.55
HSL	295°, 5%, 43%
HSV	295°, 9%, 45%
XYZ	15.2742, 15.0089, 18.6150
YIQ	109.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

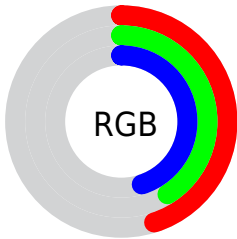
Format	Color
R_{YB}	115, 105, 116
Decimal	7563636
CIE _{Lab}	45.65, 6.12, -4.72
CIE _{LCh}	46, 7.726, 322.390
Yxy	15.0089, 0.3124, 0.3069
Android (android.graphics.Color)	4285753716 (0xFF736974)
YUV	109.2440, 3.3307, 5.0480
Hunter-Lab	38.7414, 2.5781, -1.3695

Details

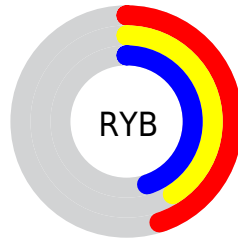
The YUV color **109.2440, 3.3307, 5.0480** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **111.7560, -3.3307, -5.0480**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6570, 3.6201, 5.5628**, and **61.8310, 3.0413, 4.5332** is the 20% darker color. If you saturate the color by 10%, you get **101.9010, 6.9508, 10.6108**, and if you desaturate by 10%, it is **116.5870, -0.2894, -0.5148**.

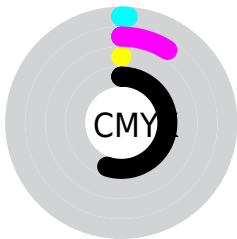
Distribution



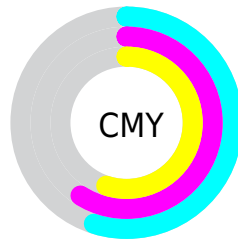
- Red (45%)
- Green (41%)
- Blue (45%)



- Red (45%)
- Yellow (41%)
- Blue (45%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2440, 3.3307, 5.0480 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 109.2440, 3.3307, 5.0480 by changing the saturation by 10% instead.

■ 109.2440, 3.3307,
5.0480

■ 109.2440, 3.3307,
5.0480

■ 255.0000, 0.0000,
0.0000

■ 84.8310, 3.0413,
4.5332

■ 160.6570, 3.6201,
5.5628

■ 61.8310, 3.0413,
4.5332

■ 187.6570, 3.6201,
5.5628

■ 39.8310, 3.0413,
4.5332

■ 215.6570, 3.6201,
5.5628

■ 19.1300, 2.8939,
5.1480

■ 244.0700, 3.9095,
6.0776

■ 0.0000, 0.0000,
0.0000

■ 109.2440, 3.3307,

■ 109.2440, 3.3307,

5.0480

101.9010, 6.9508,
10.6108

95.1450, 10.2815,
15.6588

87.8020, 13.9016,
21.2216

81.0460, 17.2323,
26.2697

73.7030, 20.8524,
31.8325

66.3600, 24.4725,
37.3953

59.6040, 27.8032,
42.4433

52.2610, 31.4233,
48.0061

5.0480

116.5870, -0.2894,
-0.5148

123.3430, -3.6201,
-5.5628

130.6860, -7.2402,
-11.1256

137.4420,
-10.5709, -16.1736

144.7850,
-14.1910, -21.7364

152.1280,
-17.8111, -27.2993

158.8840,
-21.1418, -32.3473

166.2270,
-24.7619, -37.9101

■ 45.5050, 34.7540,
53.0541

■ 172.9830,
-28.0926, -42.9581

Harmonies

Analogous

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



108.4820, 5.6784, -1.2997



109.2440, 3.3307, 5.0480



109.4680, 0.2623, 9.2366

Triad

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



109.2440, 3.3307, 5.0480



108.0240, -6.4208, 6.1180



106.1340, 3.3849, -12.3955

Complementary

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



109.2440, 3.3307, 5.0480



111.7560, -3.3307, -5.0480

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.



106.2330, -0.1149, -9.8513



109.2440, 3.3307, 5.0480



107.2190, -5.5310, 0.6849

Square

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



109.2440, 3.3307, 5.0480



108.6870, -5.2687, 9.9215



106.7560, -3.3307, -5.0480



106.7150, 5.5635, -11.1511

Rectangle

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



109.2440, 3.3307, 5.0480



109.6100, -1.7797, 10.8660



106.7560, -3.3307, -5.0480



105.9060, 2.5113, -12.1956

Sweetspot

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



109.2440, 3.3307, 5.0480



147.6520, 1.1576, 2.0592



106.8410, 4.5154, -1.6146



74.3530, 1.3050, 1.4444



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



109.2440, 3.3307, 5.0480



140.3090, 4.7777, 7.6220



109.0870, 1.4361, 6.0627



55.1790, 1.8838, 2.4740



47.0970, 36.9272, 56.0429



96.3730, 75.7381, 114.5599

Inverse Universe

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



108.4030, -1.1847, 6.6626



138.8980, -1.9217, 9.7365



111.9130, -1.4361, -6.0627



54.7940, -0.8844, 3.6887



37.7320, -13.1789, 73.9030



77.3720, -26.8054, 151.3948

Previews

White Background



This preview shows how the YUV color 109.2440, 3.3307, 5.0480 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 109.2440, 3.3307, 5.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

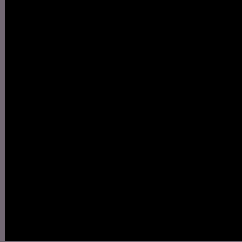
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.2440, 3.3307, 5.0480

Background



This preview shows how black text looks on a background with the YUV color 109.2440, 3.3307, 5.0480.



This preview shows how white text looks on a background with the YUV color 109.2440, 3.3307,

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

109.2440, 3.3307, 5.0480

Protanopia

108.1400, 4.3680, -0.9998

Deuteranopia

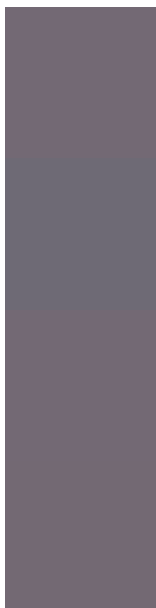
109.2440, 3.3307, 5.0480



Tritanopia

109.0160, 2.4571, 5.2480

Trichromacy



Original Color

109.2440, 3.3307, 5.0480

Protanomaly

108.4500, 4.2152, 1.3594

Deuteranomaly

109.2440, 3.3307, 5.0480

Tritanomaly

109.1300, 2.8939, 5.1480

Monochromacy



Original Color

109.2440, 3.3307, 5.0480

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.3530, 1.3050, 1.4444

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2440, 3.3307, 5.0480 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(115, 105, 116)` looks like.

```
.text, #text, p{  
    color:rgb(115, 105, 116)  
}
```

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(115, 105, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 105, 116) }
```

Border

The CSS property to change the border of an element to YUV 109.2440, 3.3307, 5.0480 is called "border". The border property can be set on classes, ids or directly on the HTML element.

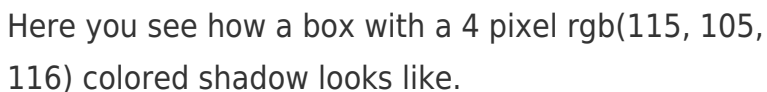
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 105, 116) }
```


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

```
.border{ border-color:rgb(115, 105, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 105, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 105, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 105, 116); box-shadow:4px 4px 4px 4px rgb(115, 105, 116) }
```

Background

The CSS property to change the background color of an element to YUV 109.2440, 3.3307, 5.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 105, 116) }
```

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

```
.background{ background-color: rgb(115,  
105, 116) }
```

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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