

Converting Colors

YUV(109.0560, 15.2554, 6.9669)

Have a look what the booklet for
YUV(109.0560, 15.2554, 6.9669)
contains.

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Color

**YUV(109.0560, 15.2554,
6.9669)**

Conversions

Conversions Part 1

Format	Color
Hex	75638C
RGB	117, 99, 140
RGB Percent	46%, 39%, 55%
CMY	0.5412, 0.6118, 0.4510
CMYK	0.16, 0.29, 0.00, 0.45
HSL	266°, 17%, 47%
HSV	266°, 29%, 55%
XYZ	16.5316, 14.5990, 26.7575
YIQ	109.0560, -2.4330, 16.5670

Conversions

Conversions Part 2

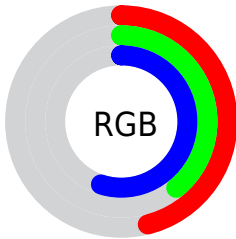
Format	Color
R _Y B	117, 99, 140
Decimal	7693196
CIE Lab	45.08, 15.83, -19.96
CIE LCh	45, 25.475, 308.405
Yxy	14.5990, 0.2856, 0.2522
Android (android.graphics.Color)	4285883276 (0xFF75638C)
YUV	109.0560, 15.2554, 6.9669
Hunter-Lab	38.2087, 10.3656, -14.7747

Details

The YUV color **109.0560, 15.2554, 6.9669** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129.9440, -15.2554, -6.9669**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9960, 16.2710, 7.8965**, and **61.1160, 14.2398, 6.0373** is the 20% darker color. If you saturate the color by 10%, you get **98.4460, 20.4861, 9.2559**, and if you desaturate by 10%, it is **119.6660, 10.0247, 4.6779**.

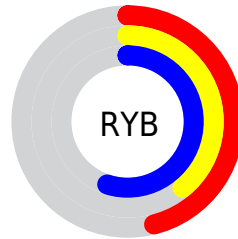
Distribution



Red (46%)

Green (39%)

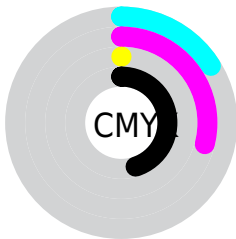
Blue (55%)



Red (46%)

Yellow (39%)

Blue (55%)

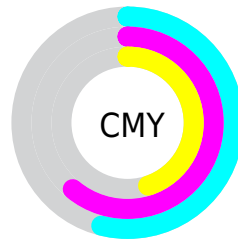


Cyan (16%)

Magenta (29%)

Yellow (0%)

Black (45%)



Cyan (54%)

Magenta (61%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0560, 15.2554, 6.9669 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 109.0560, 15.2554, 6.9669 by changing the saturation by 10% instead.

■ 109.0560, 15.2554,
6.9669

■ 109.0560, 15.2554,
6.9669

■ 255.0000, 0.0000,
0.0000

■ 84.5290, 14.5292,
6.5521

■ 160.9960, 16.2710,
7.8965

■ 61.1160, 14.2398,
6.0373

■ 188.1100, 16.7078,
7.7965

■ 39.1760, 13.2242,
5.1076

■ 215.5230, 16.9972,
8.3113

■ 17.4750, 13.0768,
5.7224

■ 241.2000, 6.8034,
11.2256

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

109.0560, 15.2554,
6.9669

109.0560, 15.2554,
6.9669

98.4460, 20.4861,
9.2559

119.6660, 10.0247,
4.6779

87.8360, 25.7169,
11.5448

130.2760, 4.7939,
2.3889

77.2260, 30.9476,
13.8338

140.8860, -0.4368,
0.1000

66.9150, 36.0309,
16.7375

151.1970, -5.5201,
-2.8038

56.3050, 41.2616,
19.0265

161.8070,
-10.7509, -5.0927

45.6950, 46.4924,
21.3155

172.4170,
-15.9816, -7.3817

35.0850, 51.7231,
23.6045


183.0270,
-21.2123, -9.6707

34.1990, 52.1599,

193.6370,

23.5045

-26.4430, -11.9596

 204.2470,
-31.6738, -14.2486

Harmonies

Analogous

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



105.3950, 21.0043, -17.0094



109.0560, 15.2554, 6.9669



109.8750, 6.4706, 24.6656

Triad

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



109.0560, 15.2554, 6.9669



106.5180, -18.9894, 24.1017



93.6950, 9.0244, -47.9675

Complementary

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



109.0560, 15.2554, 6.9669



129.9440, -15.2554, -6.9669

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.



98.6730, -4.2758, -28.6542



109.0560, 15.2554, 6.9669



104.4900, -19.9616, 9.2173

Square

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



109.0560, 15.2554, 6.9669



107.4790, -13.0541, 33.7829



102.1610, -14.3764, -8.9112



91.2020, 20.1134, -58.0592

Rectangle

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



109.0560, 15.2554, 6.9669



108.9100, 0.0444, 32.5279



102.1610, -14.3764, -8.9112



95.5880, 4.6401, -41.7347

Sweetspot

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



109.0560, 15.2554, 6.9669



168.9170, 5.9569, 2.7038



117.1750, 11.2527, -15.9395



84.3360, 3.7784, 1.4593



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.



109.0560, 15.2554, 6.9669



133.5540, 23.3909, 10.9151



115.0360, 12.3073, 19.2624



63.6950, 2.6154, 1.1445



32.5040, 49.5445, 22.3600



1.1680, 1.8892, 0.7297

Inverse Universe

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



113.8810, 4.0027, 22.9064



140.8270, 6.0013, 35.2317



123.9640, -12.3073, -19.2624



64.5490, 0.7153, 3.9035



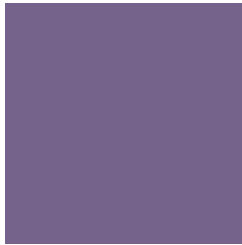
48.2030, 12.7179, 74.3670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 109.0560, 15.2554, 6.9669 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 109.0560, 15.2554, 6.9669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

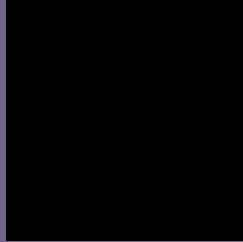
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.0560, 15.2554, 6.9669

Background



This preview shows how black text looks on a background with the YUV color 109.0560, 15.2554, 6.9669.



This preview shows how white text looks on a background with the YUV color 109.0560, 15.2554,

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

109.0560, 15.2554, 6.9669

Protanopia

106.5700, 18.9460, -10.1469

Deuteranopia

107.3810, 15.5882, -6.4731



Tritanopia

107.3040, 2.3151, 4.1184

Trichromacy



Original Color

109.0560, 15.2554, 6.9669

Protanomaly

107.5600, 17.4719, -3.9991

Deuteranomaly

108.0010, 15.2825, -1.7549

Tritanomaly

107.8680, 6.9671, 5.3778

Monochromacy



Original Color

109.0560, 15.2554, 6.9669

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8030, 5.5201, 2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0560, 15.2554, 6.9669 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(117, 99, 140)` looks like.

```
.text, #text, p{  
    color:rgb(117, 99, 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(117, 99, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 99, 140) }
```

Border

The CSS property to change the border of an element to YUV 109.0560, 15.2554, 6.9669 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(117, 99, 140) }
```


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

```
.border{ border-color:rgb(117, 99, 140) }
```

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

Here you see how a box with a 4 pixel rgb(117, 99, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 99, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 99, 140);  
box-shadow:4px 4px 4px 4px rgb(117, 99,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 109.0560, 15.2554, 6.9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 99, 140) }
```

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

```
.background{ background-color: rgb(117, 99,  
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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