

Converting Colors

YUV(105.0670, 55.6760,
15.7272)

Have a look what the booklet for
YUV(105.0670, 55.6760, 15.7272)
contains.

YUV(105.0670, 55.6760, 15.7272)	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(105.0670, 55.6760,
15.7272)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4ADA
RGB	123, 74, 218
RGB Percent	48%, 29%, 85%
CMY	0.5176, 0.7098, 0.1451
CMYK	0.44, 0.66, 0.00, 0.15
HSL	260°, 66%, 57%
HSV	260°, 66%, 85%
XYZ	23.2720, 14.1705, 67.8383
YIQ	105.0670, -17.0200, 55.1720

Conversions

Conversions Part 2

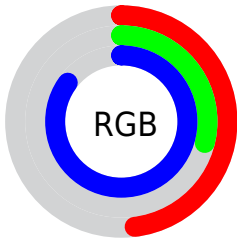
Format	Color
R_{YB}	123, 74, 218
Decimal	8080090
CIE _{Lab}	44.48, 52.13, -66.55
CIE _{LCh}	44, 84.534, 308.071
Yxy	14.1705, 0.2210, 0.1346
Android (android.graphics.Color)	4286270170 (0xFF7B4ADA)
YUV	105.0670, 55.6760, 15.7272
Hunter-Lab	37.6437, 44.4757, -80.4969

Details

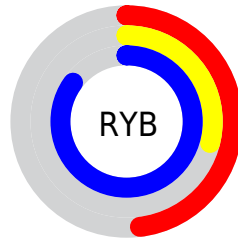
The YUV color **105.0670, 55.6760, 15.7272** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **186.9330, -55.6760, -15.7272**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1510, 48.2396, 20.9156**, and **50.2190, 55.1080, 11.2089** is the 20% darker color. If you saturate the color by 10%, you get **87.9670, 64.1063, 18.4459**, and if you desaturate by 10%, it is **122.1670, 47.2457, 13.0085**.

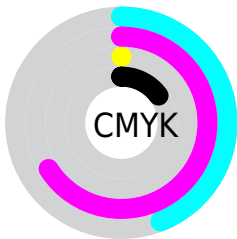
Distribution



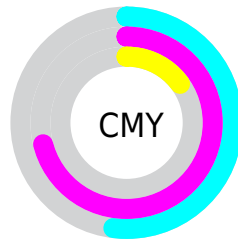
- Red (48%)
- Green (29%)
- Blue (85%)



- Red (48%)
- Yellow (29%)
- Blue (85%)



- Cyan (44%)
- Magenta (66%)
- Yellow (0%)
- Black (15%)



- Cyan (52%)
- Magenta (71%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.0670, 55.6760, 15.7272 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 105.0670, 55.6760, 15.7272 by changing the saturation by 10% instead.

105.0670, 55.6760,
15.7272

105.0670, 55.6760,
15.7272

255.0000, 0.0000,
0.0000

78.5290, 54.9552,
13.5681

157.1510, 48.2396,
20.9156

50.2190, 55.1080,
11.2089

181.3830, 36.2932,
25.9741

22.8650, 55.2826,
1.8724

206.7890, 23.7680,
30.0030

12.4260, 47.6110,
-10.8976

227.4110, 13.6014,
24.1956

9.4620, 36.2542,
-8.2982

244.4340, 5.2090,
9.2664

10.2480, 24.0347,
-8.9875

5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 105.0670, 55.6760,
15.7272

■ 105.0670, 55.6760,
15.7272

■ 87.9670, 64.1063,
18.4459

■ 122.1670, 47.2457,
13.0085

■ 70.5680, 72.6840,
20.5499

■ 139.5660, 38.6680,
10.9046

■ 54.0550, 80.8249,
22.7538

■ 156.0790, 30.5271,
8.7007

■ 46.9780, 84.3138,
23.6983

■ 173.4780, 21.9493,
6.5968

■ 190.5780, 13.5190,
3.8781

■ 207.6780, 5.0887,
1.1594

■ 225.0770, -3.4890,
-0.9445

■ 241.5900,
-11.6299, -3.1484

■ 249.8850,
-15.7193, 1.8549

Harmonies

Analogous

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



92.2550, 76.7823, -80.9076



105.0670, 55.6760, 15.7272



77.6270, 40.1169, 106.4441

Triad

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



105.0670, 55.6760, 15.7272



98.0780, -48.3525, 62.1986



92.0930, 15.2372, -80.7656

Complementary

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



105.0670, 55.6760, 15.7272



186.9330, -55.6760, -15.7272

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.



81.6680, -17.0913, -71.6228



105.0670, 55.6760, 15.7272



97.4710, -48.0532, 12.7419

Square

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



105.0670, 55.6760, 15.7272



78.1580, -29.1649, 114.7484



74.2940, -36.6269, -59.0168



99.9590, 45.3762, -87.6640

Rectangle

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



105.0670, 55.6760, 15.7272



78.3630, 17.0760, 123.3386



74.2940, -36.6269, -59.0168



88.7700, 5.0434, -77.8513

Sweetspot

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



105.0670, 55.6760, 15.7272



214.8970, 19.7708, 5.3523



146.7680, 35.1174, -63.8175



103.5240, 12.0667, 3.0485



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



105.0670, 55.6760, 15.7272



97.2460, 77.7727, 21.7093



126.2960, 45.2101, 59.3764



101.1510, 4.3626, 0.7446



37.3630, 66.8690, 18.9756



10.0280, 17.7342, 5.2374

Inverse Universe

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



127.8860, 20.2692, 79.0300



129.1470, 28.0285, 110.3731



165.7040, -45.2101, -59.3764



103.0870, 1.4361, 6.0627



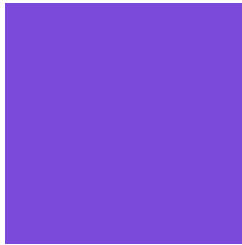
64.7230, 24.2936, 94.9589



17.1740, 6.3232, 25.2804

Previews

White Background



This preview shows how the YUV color 105.0670, 55.6760, 15.7272 looks on a white background.

Color Contrast Check

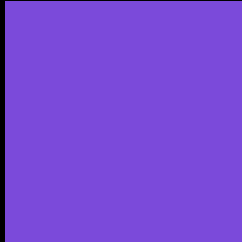
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.0670, 55.6760, 15.7272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

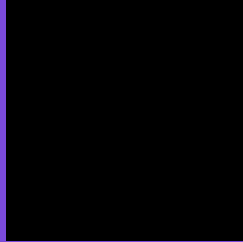
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.0670, 55.6760, 15.7272

Background



This preview shows how black text looks on a background with the YUV color 105.0670, 55.6760, 15.7272.



This preview shows how white text looks on a background with the YUV color 105.0670, 55.6760,

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

105.0670, 55.6760, 15.7272

Protanopia

83.7970, 64.6831, -73.4900

Deuteranopia

84.6000, 49.9902, -74.1942



Tritanopia

104.5200, 4.6736, -5.7180

Trichromacy



Original Color

105.0670, 55.6760, 15.7272

Protanomaly

91.4960, 61.3805, -40.7770

Deuteranomaly

92.3790, 52.0712, -41.5514

Tritanomaly

104.4990, 23.4180, 2.1934

Monochromacy



Original Color

105.0670, 55.6760, 15.7272

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.3100, 20.0602, 5.8671

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.0670, 55.6760, 15.7272 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(123, 74, 218)` looks like.

```
.text, #text, p{  
    color:rgb(123, 74, 218)  
}
```

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(123, 74, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 74, 218) }
```

Border

The CSS property to change the border of an element to YUV 105.0670, 55.6760, 15.7272 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(123, 74, 218) }
```


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

```
.border{ border-color:rgb(123, 74, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 74, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 74, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 74, 218);  
box-shadow:4px 4px 4px 4px rgb(123, 74,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 105.0670, 55.6760, 15.7272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 74, 218) }
```

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

```
.background{ background-color: rgb(123, 74,  
218) }
```

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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