

Converting Colors

YUV(191.3640, 15.1035,
55.8088)

Have a look what the booklet for
YUV(191.3640, 15.1035, 55.8088)
contains.

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Color

**YUV(191.3640, 15.1035,
55.8088)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99DE
RGB	255, 153, 222
RGB Percent	100%, 60%, 87%
CMY	0.0000, 0.4000, 0.1294
CMYK	0.00, 0.40, 0.13, 0.00
HSL	319°, 100%, 80%
HSV	319°, 40%, 100%
XYZ	65.8160, 49.3164, 75.1574
YIQ	191.3640, 38.6430, 43.0830

Conversions

Conversions Part 2

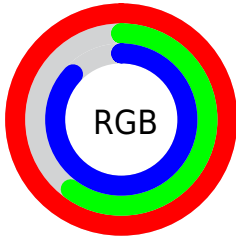
Format	Color
R _Y B	255, 153, 222
Decimal	16751070
CIE Lab	75.65, 47.32, -18.74
CIE LCh	76, 50.894, 338.395
Yxy	49.3164, 0.3459, 0.2592
Android (android.graphics.Color)	4294941150 (0xFFFF99DE)
YUV	191.3640, 15.1035, 55.8088
Hunter-Lab	70.2256, 44.3968, -14.2958

Details

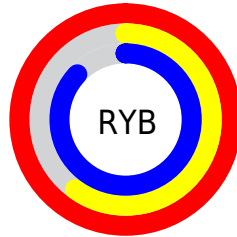
The YUV color **191.3640, 15.1035, 55.8088** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **216.6360, -15.1035, -55.8088**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9980, 13.3120, 23.6808**, and **136.0540, 15.2564, 53.4496** is the 20% darker color. If you saturate the color by 10%, you get **175.7770, 18.8439, 69.4786**, and if you desaturate by 10%, it is **207.5380, 11.0738, 41.6242**.

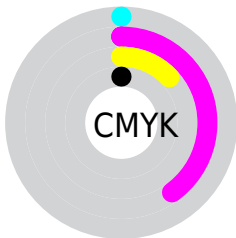
Distribution



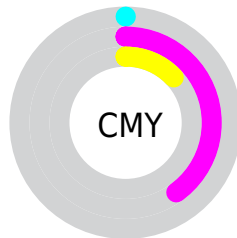
- Red (100%)
- Green (60%)
- Blue (87%)



- Red (100%)
- Yellow (60%)
- Blue (87%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 191.3640, 15.1035, 55.8088 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 191.3640, 15.1035, 55.8088 by changing the saturation by 10% instead.


 191.3640, 15.1035,
55.8088


 191.3640, 15.1035,
55.8088


255.0000, 0.0000,
0.0000


 163.3530, 15.1090,
54.0644


 227.9980, 13.3120,
23.6808


 136.0540, 15.2564,
53.4496

 245.0210, 4.9196,
8.7516

 109.0430, 15.2618,
51.7053

 81.9720, 16.2828,
50.8906

 53.4390, 18.0246,
52.2350

 33.5370, 16.0043,
46.8871

 23.2550, 10.2273,

33.1024

■ 13.6850, 4.5923,
20.4473

■ 0.0000, 0.0000,
0.0000

■ 191.3640, 15.1035,
55.8088

■ 191.3640, 15.1035,
55.8088

■ 175.7770, 18.8439,
69.4786

■ 207.5380, 11.0738,
41.6242

■ 159.6030, 22.8737,
83.6632

■ 223.2390, 7.7702,
27.8544

■ 143.9020, 26.1773,
97.4329

■ 239.4130, 3.7404,
13.6698

■ 127.7280, 30.2071,
111.6175

■ 255.0000, 0.0000,
0.0000

■ 111.5540, 34.2369,
125.8021

■ 95.9670, 37.9773,
139.4719

Harmonies

Analogous

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



190.4650, 31.8158, 15.3782



191.3640, 15.1035, 55.8088



182.4840, -3.6896, 63.5965

Triad

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



191.3640, 15.1035, 55.8088



181.1280, -44.4331, 18.3047



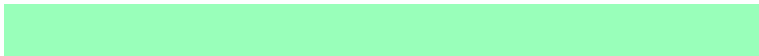
149.7980, 45.9486, -131.3728

Complementary

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



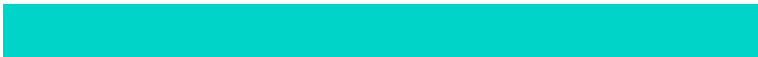
191.3640, 15.1035, 55.8088



216.6360, -15.1035, -55.8088

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.



146.5430, 25.8613, -128.5182



191.3640, 15.1035, 55.8088



175.3880, -32.2363, -20.5113

Square

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



191.3640, 15.1035, 55.8088



184.9070, -42.3522, 50.9476



165.2090, -7.4980, -68.5893



147.0570, 53.2159, -128.9690

Rectangle

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



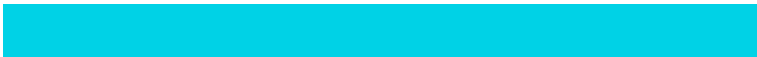
191.3640, 15.1035, 55.8088



181.8850, -18.6773, 64.1219



165.2090, -7.4980, -68.5893



149.4900, 39.6914, -131.1027

Sweetspot

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



191.3640, 15.1035, 55.8088



235.6630, 4.6031, 16.9585



174.1960, 39.8364, 9.4751



116.7500, 2.5883, 9.8663



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.



191.3640, 15.1035, 55.8088



178.8260, 17.8338, 66.8046



185.6640, -6.7364, 60.8077



119.7990, 1.5781, 7.1923



71.8150, 28.1922, 104.5252



24.0380, 9.3483, 35.0467

Inverse Universe

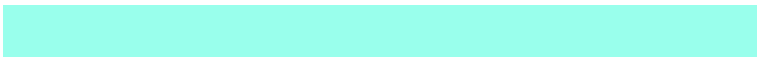
The Inverse Universe completely reimagines the original color for something new.



191.3640, 15.1035, 55.8088



178.8260, 17.8338, 66.8046



222.3360, 6.7364, -60.8077



119.7990, 1.5781, 7.1923



71.8150, 28.1922, 104.5252



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 191.3640, 15.1035, 55.8088 looks on a white background.

Color Contrast Check

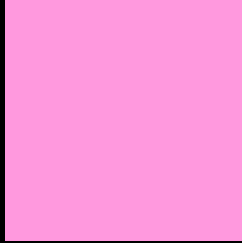
Large Text (above 18pt) WCAG AA × Fail

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 191.3640, 15.1035, 55.8088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

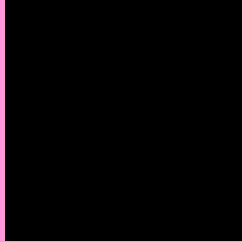
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.3640, 15.1035, 55.8088

Background



This preview shows how black text looks on a background with the YUV color 191.3640, 15.1035, 55.8088.



This preview shows how white text looks on a background with the YUV color 191.3640, 15.1035,

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

191.3640, 15.1035, 55.8088

Protanopia

187.5400, 27.8348, -14.5056

Deuteranopia

188.6810, 13.9613, 2.0338



Tritanopia

189.7940, -7.2934, 52.8007

Trichromacy



Original Color

191.3640, 15.1035, 55.8088



Protanomaly

188.8530, 23.2435, 11.5299



Deuteranomaly

189.3290, 14.6278, 21.6365



Tritanomaly

190.5690, 0.7055, 53.8750

Monochromacy



Original Color

191.3640, 15.1035, 55.8088



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

190.9130, 5.4659, 20.2473

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.3640, 15.1035, 55.8088 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(255, 153, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 222)  
}
```

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(255, 153, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 222) }
```

Border

The CSS property to change the border of an element to YUV 191.3640, 15.1035, 55.8088 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(255, 153, 222) }
```


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

```
.border{ border-color:rgb(255, 153, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 191.3640, 15.1035, 55.8088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 222) }
```

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

```
.background{ background-color: rgb(255,  
153, 222) }
```

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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