

Converting Colors

XYZ(67.3527, 51.2691, 79.1243)

Have a look what the booklet for
XYZ(67.3527, 51.2691, 79.1243)
contains.

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Color

**XYZ(67.3320, 51.2598,
79.0184)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EE3
RGB	255, 158, 227
RGB Percent	100%, 62%, 89%
CMY	0.0000, 0.3804, 0.1098
CMYK	0.00, 0.38, 0.11, 0.00
HSL	317°, 100%, 81%
HSV	317°, 38%, 100%
XYZ	67.3320, 51.2598, 79.0184
YIQ	194.8690, 35.6630, 42.0230

Conversions

Conversions Part 2

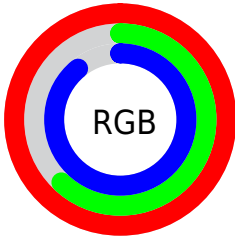
Format	Color
R_{YB}	255, 158, 227
Decimal	16752355
CIE _{Lab}	76.84, 45.57, -19.67
CIE _{LCh}	77, 49.630, 336.654
Yxy	51.2598, 0.3407, 0.2594
Android (android.graphics.Color)	4294942435 (0xFFFF9EE3)
YUV	194.8690, 15.8406, 52.7349
Hunter-Lab	71.5959, 42.5764, -15.3195

Details

The XYZ color **67.3320, 51.2598, 79.0184** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.7253, 82.3351, 59.2544**, and the grayscale version is **51.6889, 54.3808, 59.2207**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **35.4227, 24.7495, 41.9399** is the 20% darker color. If you saturate the color by 10%, you get **62.4307, 43.0484, 72.4791**, and if you desaturate by 10%, it is **73.1815, 61.2975, 86.0894**.

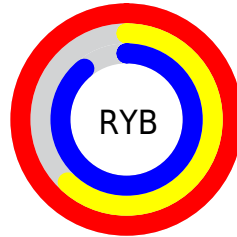
Distribution



Red (100%)

Green (62%)

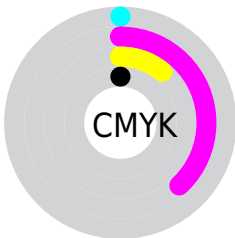
Blue (89%)



Red (100%)

Yellow (62%)

Blue (89%)

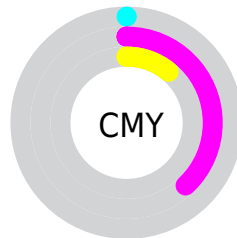


Cyan (0%)

Magenta (38%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3320, 51.2598, 79.0184 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 XYZ color 67.3320, 51.2598, 79.0184 by changing the saturation by 10% instead.


 67.3320, 51.2598,
79.0184


 67.3320, 51.2598,
79.0184


440.5395,
391.5723, 511.2379

 49.6262, 36.4154,
58.3895

 114.4432, 92.0387,
133.7837

 35.3330, 24.7552,
41.7051


 144.5792,
118.7420, 168.7571

 24.0872, 15.8948,
28.5466


179.5894,
150.1670, 209.3492

 15.5234, 9.4497,
18.4955

219.8391,
186.6982, 255.9785

 9.2763, 5.0357,
11.1332

265.6935,
228.7199, 309.0634

 4.9804, 2.2682,
6.0412


317.5182,

 2.2704, 0.7568,


276.6166, 369.0226


2.8010


375.6784,
330.7726, 436.2746


 0.7794, 0.0000,
0.9939


 0.0000, 0.0000,
0.0000


 67.3320, 51.2598,
79.0184


 67.3320, 51.2598,
79.0184


 62.4307, 43.0484,
72.4791


 73.1815, 61.2975,
86.0894

 58.4172, 36.5442,
66.4468

 80.0274, 73.2582,
93.7088

 55.2297, 31.6242,
60.8988

 87.9192, 87.2391,
101.8963

 52.7965, 28.1457,
55.8084

95.0500, 100.0000,
108.9000

■ 51.0329, 25.9406,
51.1447

■ 49.8244, 24.7807,
46.8667

■ 49.6205, 24.6122,
46.0612

Harmonies

Analogous

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



60.3641, 51.2598, 108.6837



67.3320, 51.2598, 79.0184



69.0360, 51.2598, 50.0107

Triad

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



67.3320, 51.2598, 79.0184



46.6503, 51.2598, 18.4969



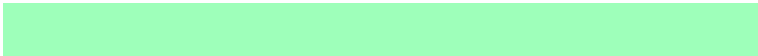
35.5767, 51.2598, 92.8981

Complementary

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



67.3320, 51.2598, 79.0184



58.7253, 82.3351, 59.2544

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.



32.8421, 51.2598, 62.0480



67.3320, 51.2598, 79.0184



38.6803, 51.2598, 23.6640

Square

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



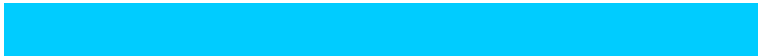
67.3320, 51.2598, 79.0184



56.2635, 51.2598, 20.4285



33.9004, 51.2598, 37.6639



41.8844, 51.2598, 118.3376

Rectangle

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



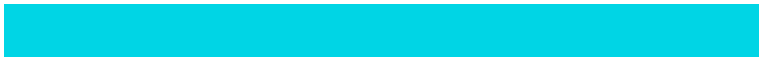
67.3320, 51.2598, 79.0184



66.7847, 51.2598, 35.6122



33.9004, 51.2598, 37.6639



34.2489, 51.2598, 82.4934

Sweetspot

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



67.3332, 51.2620, 79.0194



85.4689, 82.8802, 99.4099



50.4034, 42.0509, 100.0678



18.0607, 17.3260, 21.0379



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



67.3332, 51.2620, 79.0194



63.3552, 44.5789, 73.7693



61.6068, 48.9714, 48.8646



18.5560, 18.2057, 21.5450



25.9957, 12.8876, 24.4257



2.5785, 1.2738, 2.6278

Inverse Universe

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



67.3332, 51.2620, 79.0194



63.3552, 44.5789, 73.7693



64.7109, 84.7294, 90.7742



18.5560, 18.2057, 21.5450



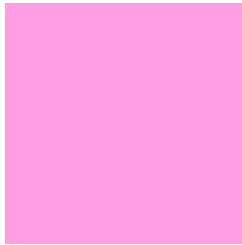
25.9957, 12.8876, 24.4257



2.5785, 1.2738, 2.6278

Previews

White Background



This preview shows how the XYZ color 67.3320, 51.2598, 79.0184 looks on a white background.

Color Contrast Check

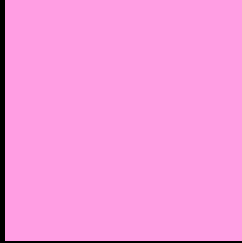
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.3320, 51.2598, 79.0184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

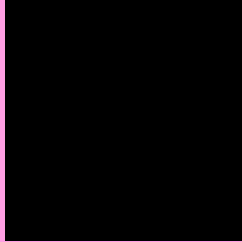
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3320, 51.2598, 79.0184

Background



This preview shows how black text looks on a background with the XYZ color 67.3320, 51.2598, 79.0184.



This preview shows how white text looks on a background with the XYZ color 67.3320, 51.2598,

79.0184.

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

67.3320, 51.2598, 79.0184

Protanopia

52.3821, 51.7424, 96.0334

Deuteranopia

52.5261, 51.3093, 76.2425



Tritanopia

61.1239, 51.0725, 49.8164

Trichromacy



Original Color

67.3320, 51.2598, 79.0184



Protanomaly

56.0789, 50.4321, 89.2168



Deuteranomaly

57.1034, 50.6407, 77.2860



Tritanomaly

63.1372, 51.0914, 59.3573

Monochromacy



Original Color

67.3320, 51.2598, 79.0184



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

56.6057, 52.7126, 66.2226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3320, 51.2598, 79.0184 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, 158, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 227)  
}
```

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, 158, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 227) }
```

Border

The CSS property to change the border of an element to XYZ 67.3320, 51.2598, 79.0184 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, 158, 227) }
```


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

```
.border{ border-color:rgb(255, 158, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3320, 51.2598, 79.0184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 227) }
```

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

```
.background{ background-color: rgb(255,  
158, 227) }
```

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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