

Converting Colors

XYZ(79.7164, 56.2278, 79.1801)

Have a look what the booklet for
XYZ(79.7164, 56.2278, 79.1801)
contains.

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Color

**XYZ(66.3334, 49.2625,
78.6855)**

Conversions

Conversions Part 1

Format	Color
Hex	FF98E3
RGB	255, 152, 227
RGB Percent	100%, 60%, 89%
CMY	0.0000, 0.4039, 0.1098
CMYK	0.00, 0.40, 0.11, 0.00
HSL	316°, 100%, 80%
HSV	316°, 40%, 100%
XYZ	66.3334, 49.2625, 78.6855
YIQ	191.3470, 37.3130, 45.1610

Conversions

Conversions Part 2

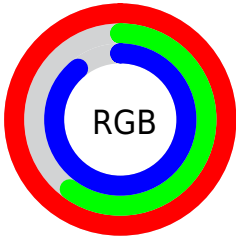
Format	Color
R _Y B	255, 152, 227
Decimal	16750819
CIE Lab	75.61, 48.62, -21.52
CIE LCh	76, 53.169, 336.123
Yxy	49.2625, 0.3414, 0.2536
Android (android.graphics.Color)	4294940899 (0xFFFF98E3)
YUV	191.3470, 17.5769, 55.8237
Hunter-Lab	70.1872, 45.8712, -17.3377

Details

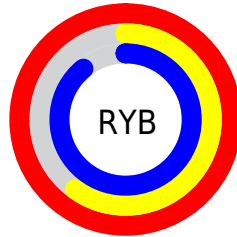
The XYZ color **66.3334, 49.2625, 78.6855** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.9488, 81.4915, 55.9107**, and the grayscale version is **49.6098, 52.1933, 56.8385**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **34.7443, 23.5460, 41.2417** is the 20% darker color. If you saturate the color by 10%, you get **61.6931, 41.4824, 72.5132**, and if you desaturate by 10%, it is **71.9040, 58.8412, 85.3593**.

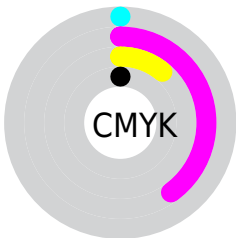
Distribution



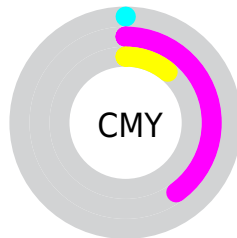
- Red (100%)
- Green (60%)
- Blue (89%)



- Red (100%)
- Yellow (60%)
- Blue (89%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3334, 49.2625, 78.6855 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 66.3334, 49.2625, 78.6855 by changing the saturation by 10% instead.

 66.3334, 49.2625,
78.6855


 66.3334, 49.2625,
78.6855


437.0382,
383.7748, 510.0812

 48.8118, 34.8278,
58.1175

 113.0198, 89.0812,
133.3107

 34.6841, 23.5302,
41.4878


 142.9153,
115.2339, 168.2049

 23.5850, 14.9855,
28.3779


177.6662,
146.0615, 208.7116

 15.1492, 8.8092,
18.3692

217.6377,
181.9482, 255.2493

 9.0111, 4.6169,
11.0432

263.1954,
223.2785, 308.2366

 4.8056, 2.0243,
5.9813

314.7044,

 2.1672, 0.6215,

270.4368, 368.0920

2.7651

372.5302,
323.8074, 435.2340

■ 0.7254, 0.0000,
0.9760

■ 0.0000, 0.0000,
0.0000

■ 66.3334, 49.2625,
78.6855

■ 66.3334, 49.2625,
78.6855

■ 61.6931, 41.4824,
72.5132

■ 71.9040, 58.8412,
85.3593

■ 57.9218, 35.3796,
66.8177

■ 78.4544, 70.3176,
92.5513

■ 54.9559, 30.8272,
61.5764

■ 86.0347, 83.7904,
100.2810

■ 52.7213, 27.6779,
56.7622

94.6902, 99.3501,
108.5656

■ 51.1293, 25.7552, 95.0500, 100.0000,
52.3432 108.9000

■ 50.0687, 24.7915,
48.4213

Harmonies

Analogous

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



58.8805, 49.2625, 110.3640



66.3334, 49.2625, 78.6855



68.2573, 49.2625, 48.0657

Triad

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



66.3334, 49.2625, 78.6855



44.8339, 49.2625, 15.7965



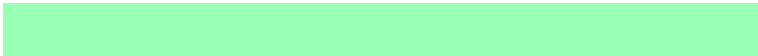
33.1469, 49.2625, 92.3256

Complementary

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



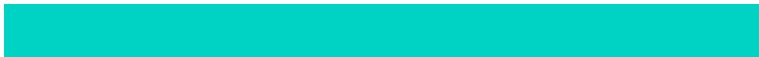
66.3334, 49.2625, 78.6855



56.9488, 81.4915, 55.9107

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.



30.4228, 49.2625, 59.6262



66.3334, 49.2625, 78.6855



36.5345, 49.2625, 20.7044

Square

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



66.3334, 49.2625, 78.6855



54.9026, 49.2625, 17.7900



31.5702, 49.2625, 34.5657



39.5768, 49.2625, 119.9771

Rectangle

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



66.3334, 49.2625, 78.6855



65.9389, 49.2625, 33.1494



31.5702, 49.2625, 34.5657



31.8118, 49.2625, 81.1969

Sweetspot

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



66.3345, 49.2645, 78.6865



84.7426, 81.4823, 98.9993



47.9787, 39.3184, 99.6682



17.9184, 17.0482, 20.9696



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.



66.3345, 49.2645, 78.6865



62.7209, 43.1849, 73.9441



60.3094, 46.8545, 46.9592



18.5696, 18.2111, 21.6164



26.2279, 12.9804, 25.6483



2.5996, 1.2822, 2.7388

Inverse Universe

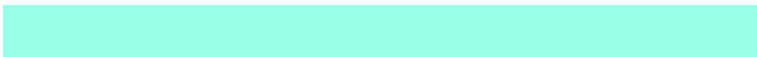
The Inverse Universe completely reimagines the original color for something new.



66.3345, 49.2645, 78.6865



62.7209, 43.1849, 73.9441



63.1293, 83.9637, 88.4570



18.5696, 18.2111, 21.6164



26.2279, 12.9804, 25.6483



2.5996, 1.2822, 2.7388

Previews

White Background



This preview shows how the XYZ color 66.3334, 49.2625, 78.6855 looks on a white background.

Color Contrast Check

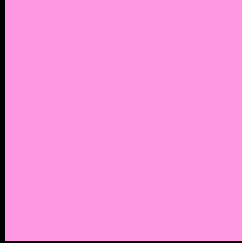
Large Text (above 18pt) WCAG AA × Fail

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 66.3334, 49.2625, 78.6855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

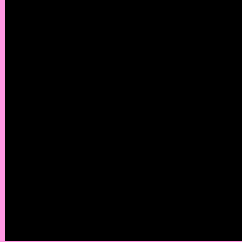
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3334, 49.2625, 78.6855

Background



This preview shows how black text looks on a background with the XYZ color 66.3334, 49.2625, 78.6855.



This preview shows how white text looks on a background with the XYZ color 66.3334, 49.2625,

78.6855.

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

66.3334, 49.2625, 78.6855

Protanopia

50.5443, 49.5079, 97.3345

Deuteranopia

50.6518, 49.4212, 75.9768



Tritanopia

59.7251, 49.0755, 46.8821

Trichromacy



Original Color

66.3334, 49.2625, 78.6855



Protanomaly

54.5990, 48.1952, 90.4293



Deuteranomaly

55.1688, 48.5047, 76.9756



Tritanomaly

61.7481, 48.8580, 57.2150

Monochromacy



Original Color

66.3334, 49.2625, 78.6855



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

54.3528, 50.1001, 63.9323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3334, 49.2625, 78.6855 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, 152, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 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, 152, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 227) }
```

Border

The CSS property to change the border of an element to XYZ 66.3334, 49.2625, 78.6855 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, 152, 227) }
```


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

```
.border{ border-color:rgb(255, 152, 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, 152, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3334, 49.2625, 78.6855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 227) }
```

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

```
.background{ background-color: rgb(255,  
152, 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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