

Converting Colors

XYZ(64.2678, 49.2370, 65.3402)

Have a look what the booklet for
XYZ(64.2678, 49.2370, 65.3402)
contains.

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Color

**XYZ(64.2238, 49.2077,
65.1446)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9BCF
RGB	255, 155, 207
RGB Percent	100%, 61%, 81%
CMY	0.0000, 0.3921, 0.1882
CMYK	0.00, 0.39, 0.19, 0.00
HSL	329°, 100%, 80%
HSV	329°, 39%, 100%
XYZ	64.2238, 49.2077, 65.1446
YIQ	190.8280, 42.9080, 37.3720

Conversions

Conversions Part 2

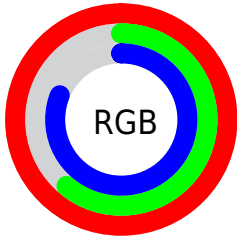
Format	Color
R_{YB}	255, 155, 207
Decimal	16751567
CIE _{Lab}	75.58, 44.01, -10.63
CIE _{LCh}	76, 45.278, 346.422
Yxy	49.2077, 0.3596, 0.2756
Android (android.graphics.Color)	4294941647 (0xFFFF9BCF)
YUV	190.8280, 7.9728, 56.2788
Hunter-Lab	70.1482, 40.6653, -5.9572

Details

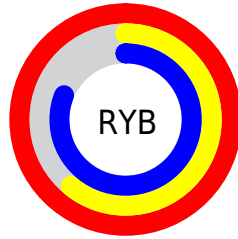
The XYZ color **64.2238, 49.2077, 65.1446** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.0590, 82.8013, 69.3202**, and the grayscale version is **49.3608, 51.9314, 56.5533**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **33.2661, 23.5384, 32.9270** is the 20% darker color. If you saturate the color by 10%, you get **58.9804, 41.0236, 56.2976**, and if you desaturate by 10%, it is **70.4817, 59.2346, 74.9033**.

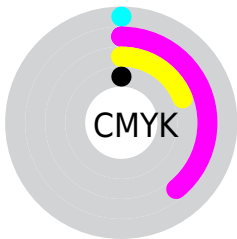
Distribution



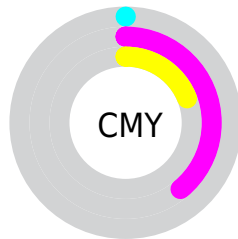
- Red (100%)
- Green (61%)
- Blue (81%)



- Red (100%)
- Yellow (61%)
- Blue (81%)



- Cyan (0%)
- Magenta (39%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2238, 49.2077, 65.1446 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 64.2238, 49.2077, 65.1446 by changing the saturation by 10% instead.


 64.2238, 49.2077,
65.1446


 64.2238, 49.2077,
65.1446


429.5868,
383.5594, 461.6318

 47.0943, 34.7843,
47.1263


 110.0051, 88.9999,
113.8730

 33.3185, 23.4967,
32.7804


 139.3877,
115.1374, 145.4201

 22.5309, 14.9607,
21.6885


173.5853,
145.9484, 182.3139

 14.3663, 8.7918,
13.4321

212.9633,
181.8172, 224.9729

 8.4593, 4.6056,
7.5925

257.8871,
223.1284, 273.8157

 4.4445, 2.0178,
3.7513

308.7221,

 1.9565, 0.6178,

270.2662, 329.2607

1.4899

365.8335,
323.6151, 391.7266

■ 0.6094, 0.0000,
0.2104

■ 0.0000, 0.0000,
0.0000

■ 64.2238, 49.2077,
65.1446

■ 64.2238, 49.2077,
65.1446

■ 58.9804, 41.0236,
56.2976

■ 70.4817, 59.2346,
74.9033

■ 54.6883, 34.5609,
48.3267

■ 77.8049, 71.2026,
85.6015

■ 51.2827, 29.6939,
41.1975

■ 86.2449, 85.2106,
97.2690

■ 48.6883, 26.2768,
34.8711

95.0500, 100.0000,
108.9000

■ 46.8163, 24.1363,
29.3032

■ 45.5341, 23.0125,
24.4348

■ 45.4457, 22.9423,
24.0768

Harmonies

Analogous

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



59.4252, 49.2077, 92.0466



64.2238, 49.2077, 65.1446



63.9687, 49.2077, 41.5759

Triad

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



64.2238, 49.2077, 65.1446



42.3664, 49.2077, 20.4128



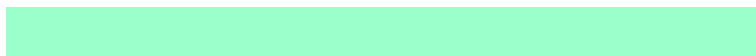
36.5303, 49.2077, 94.3865

Complementary

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



64.2238, 49.2077, 65.1446



60.0590, 82.8013, 69.3202

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.



32.9691, 49.2077, 67.6945



64.2238, 49.2077, 65.1446



36.0533, 49.2077, 27.6725

Square

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



64.2238, 49.2077, 65.1446



50.6515, 49.2077, 20.1032



32.8056, 49.2077, 43.4700



43.0929, 49.2077, 112.0319

Rectangle

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



64.2238, 49.2077, 65.1446



60.9528, 49.2077, 30.6074



32.8056, 49.2077, 43.4700



34.9786, 49.2077, 85.8687

Sweetspot

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



64.2250, 49.2099, 65.1456



83.7778, 81.0964, 93.9184



54.0404, 43.1755, 100.0932



17.6910, 16.9573, 19.7719



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.



64.2250, 49.2099, 65.1456



60.0569, 42.6826, 58.1790



59.1633, 47.1852, 38.4907



18.4038, 18.1449, 20.7438



23.8223, 12.0182, 12.9806



2.3747, 1.1923, 1.5548

Inverse Universe

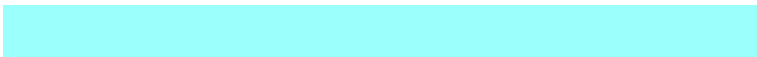
The Inverse Universe completely reimagines the original color for something new.



64.2250, 49.2099, 65.1456



60.0569, 42.6826, 58.1790



66.7968, 85.4964, 104.8008



18.4038, 18.1449, 20.7438



23.8223, 12.0182, 12.9806



2.3747, 1.1923, 1.5548

Previews

White Background



This preview shows how the XYZ color 64.2238, 49.2077, 65.1446 looks on a white background.

Color Contrast Check

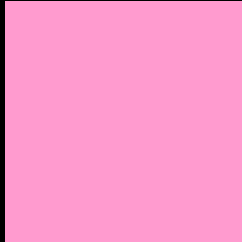
Large Text (above 18pt) WCAG AA × Fail

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 64.2238, 49.2077, 65.1446 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 64.2238, 49.2077, 65.1446

Background



This preview shows how black text looks on a background with the XYZ color 64.2238, 49.2077, 65.1446.



This preview shows how white text looks on a background with the XYZ color 64.2238, 49.2077,

65.1446.

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

64.2238, 49.2077, 65.1446

Protanopia

49.3456, 49.5911, 79.6443

Deuteranopia

50.4732, 49.3178, 62.7362



Tritanopia

60.0714, 49.0161, 45.8301

Trichromacy



Original Color

64.2238, 49.2077, 65.1446



Protanomaly

53.2312, 48.4185, 74.2503



Deuteranomaly

54.8650, 48.9248, 63.6785



Tritanomaly

61.3000, 48.9945, 52.1250

Monochromacy



Original Color

64.2238, 49.2077, 65.1446



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

53.7300, 50.1681, 59.6749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2238, 49.2077, 65.1446 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, 155, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 207)  
}
```

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, 155, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 207) }
```

Border

The CSS property to change the border of an element to XYZ 64.2238, 49.2077, 65.1446 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, 155, 207) }
```


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

```
.border{ border-color:rgb(255, 155, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2238, 49.2077, 65.1446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 207) }
```

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

```
.background{ background-color: rgb(255,  
155, 207) }
```

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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