

Converting Colors

XYZ(64.7571, 51.4901, 79.3413)

Have a look what the booklet for
XYZ(64.7571, 51.4901, 79.3413)
contains.

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Color

**XYZ(64.7968, 51.5094,
79.2002)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A4E3
RGB	245, 164, 227
RGB Percent	96%, 64%, 89%
CMY	0.0392, 0.3568, 0.1098
CMYK	0.00, 0.33, 0.07, 0.04
HSL	313°, 80%, 80%
HSV	313°, 33%, 96%
XYZ	64.7968, 51.5094, 79.2002
YIQ	195.4010, 28.0530, 36.7650

Conversions

Conversions Part 2

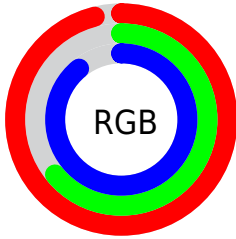
Format	Color
R_{YB}	245, 164, 227
Decimal	16098531
CIE Lab	76.99, 39.25, -19.55
CIE LCh	77, 43.849, 333.529
Yxy	51.5094, 0.3314, 0.2635
Android (android.graphics.Color)	4294288611 (0xFFF5A4E3)
YUV	195.4010, 15.5783, 43.4983
Hunter-Lab	71.7700, 35.5592, -15.1891

Details

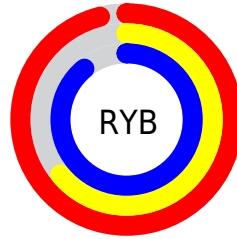
The XYZ color **64.7968, 51.5094, 79.2002** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.4079, 76.5764, 56.0669**, and the grayscale version is **52.0104, 54.7190, 59.5890**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **33.8699, 25.0388, 42.0776** is the 20% darker color. If you saturate the color by 10%, you get **60.0880, 43.2748, 73.9816**, and if you desaturate by 10%, it is **70.3770, 61.4472, 84.8276**.

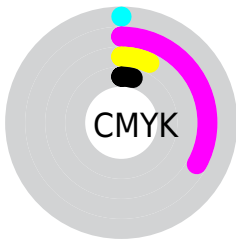
Distribution



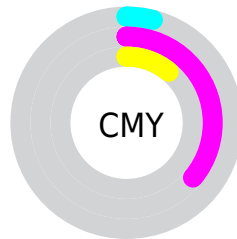
- Red (96%)
- Green (64%)
- Blue (89%)



- Red (96%)
- Yellow (64%)
- Blue (89%)



- Cyan (0%)
- Magenta (33%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.7968, 51.5094, 79.2002 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 64.7968, 51.5094, 79.2002 by changing the saturation by 10% instead.


 64.7968, 51.5094,
79.2002


 64.7968, 51.5094,
79.2002


431.6182,
392.5397, 511.8689

 47.5604, 36.6142,
58.5381

 110.8250, 92.4073,
134.0419

 33.6887, 24.9089,
41.8239


 140.3475,
119.1788, 169.0586

 22.8163, 16.0092,
28.6389


174.6962,
150.6778, 209.6972

 14.5779, 9.5307,
18.5646

214.2362,
187.2887, 256.3764

 8.6081, 5.0889,
11.1825

259.3331,
229.3960, 309.5146

 4.5415, 2.2995,
6.0740

310.3522,

 2.0128, 0.7735,

277.3840, 369.5304

2.8206

367.6587,
331.6371, 436.8423

■ 0.6411, 0.0000,
1.0038

■ 0.0000, 0.0000,
0.0000

■ 64.7968, 51.5094,
79.2002

■ 64.7968, 51.5094,
79.2002

■ 60.0880, 43.2748,
73.9816

■ 70.3770, 61.4472,
84.8276

■ 56.1971, 36.6390,
69.1513

■ 76.8689, 73.1708,
90.8767

■ 53.0717, 31.4970,
64.6913

■ 84.3160, 86.7658,
97.3635

■ 50.6514, 27.7282,
60.5804

■ 90.4813, 97.7586,
103.5435

■ 48.8664, 25.1934,
56.7941

■ 91.3422, 98.1029,
108.0768

■ 47.6321, 23.7237,
53.3032

■ 91.4667, 98.1527,
108.7323

■ 47.0115, 23.1546,
51.0240

Harmonies

Analogous

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



58.3810, 51.5094, 103.8581



64.7968, 51.5094, 79.2002



66.8113, 51.5094, 53.2997

Triad

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



64.7968, 51.5094, 79.2002



47.9757, 51.5094, 21.5510



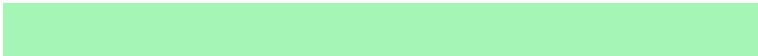
36.7477, 51.5094, 85.5379

Complementary

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



64.7968, 51.5094, 79.2002



56.4079, 76.5764, 56.0669

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.



34.6076, 51.5094, 58.9657



64.7968, 51.5094, 79.2002



40.6080, 51.5094, 25.8048

Square

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



64.7968, 51.5094, 79.2002



56.4756, 51.5094, 24.1531



35.9368, 51.5094, 37.9714



42.1393, 51.5094, 108.1887

Rectangle

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



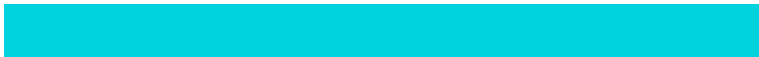
64.7968, 51.5094, 79.2002



65.2180, 51.5094, 39.6464



35.9368, 51.5094, 37.9714



35.6539, 51.5094, 76.5356

Sweetspot

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



64.7984, 51.5117, 79.2013



86.5487, 84.4361, 101.6312



48.9445, 43.0365, 92.1145



18.2877, 17.6408, 21.5430



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.



64.7984, 51.5117, 79.2013



67.2439, 49.8875, 82.6763



59.8979, 49.5515, 53.3955



17.0468, 16.7016, 19.9928



25.3801, 12.4955, 27.7735



2.2686, 1.1134, 2.6406

Inverse Universe

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



64.7984, 51.5117, 79.2013



67.2439, 49.8875, 82.6763



61.1557, 78.4755, 81.0682



17.0468, 16.7016, 19.9928



25.3801, 12.4955, 27.7735



2.2686, 1.1134, 2.6406

Previews

White Background



This preview shows how the XYZ color 64.7968, 51.5094, 79.2002 looks on a white background.

Color Contrast Check

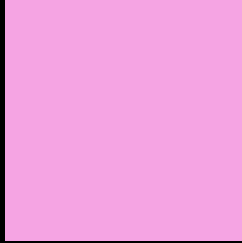
Large Text (above 18pt) WCAG AA × Fail

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 64.7968, 51.5094, 79.2002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

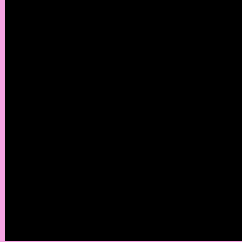
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7968, 51.5094, 79.2002

Background



This preview shows how black text looks on a background with the XYZ color 64.7968, 51.5094, 79.2002.



This preview shows how white text looks on a background with the XYZ color 64.7968, 51.5094,

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

64.7968, 51.5094, 79.2002

Protanopia

52.2168, 51.7282, 92.8204

Deuteranopia

52.8705, 51.7830, 77.0206



Tritanopia

59.4447, 51.5331, 52.7127

Trichromacy



Original Color

64.7968, 51.5094, 79.2002



Protanomaly

55.6401, 50.8308, 87.7677



Deuteranomaly

56.5263, 51.2197, 77.4281



Tritanomaly

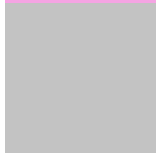
61.2312, 51.4233, 61.3420

Monochromacy



Original Color

64.7968, 51.5094, 79.2002



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.8435, 52.9321, 66.3051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7968, 51.5094, 79.2002 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(245, 164, 227)` looks like.

```
.text, #text, p{  
    color:rgb(245, 164, 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(245, 164, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 164, 227) }
```

Border

The CSS property to change the border of an element to XYZ 64.7968, 51.5094, 79.2002 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(245, 164, 227) }
```


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

```
.border{ border-color:rgb(245, 164, 227) }
```

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

Here you see how a box with a 4 pixel rgb(245, 164, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 164, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 164, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 164,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7968, 51.5094, 79.2002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 164, 227) }
```

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

```
.background{ background-color: rgb(245,  
164, 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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