

Converting Colors

XYZ(64.2740, 51.3931, 78.7608)

Have a look what the booklet for
XYZ(64.2740, 51.3931, 78.7608)
contains.

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Color

**XYZ(64.1447, 51.4559,
78.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A5E2
RGB	243, 165, 226
RGB Percent	95%, 65%, 89%
CMY	0.0471, 0.3529, 0.1137
CMYK	0.00, 0.32, 0.07, 0.05
HSL	313°, 76%, 80%
HSV	313°, 32%, 95%
XYZ	64.1447, 51.4559, 78.5027
YIQ	195.2760, 26.9070, 35.5070

Conversions

Conversions Part 2

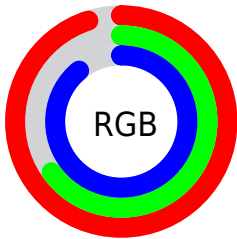
Format	Color
R _Y B	243, 165, 226
Decimal	15967714
CIE Lab	76.95, 37.91, -19.07
CIE LCh	77, 42.437, 333.294
Yxy	51.4559, 0.3305, 0.2651
Android (android.graphics.Color)	4294157794 (0xFFFF3A5E2)
YUV	195.2760, 15.1469, 41.8539
Hunter-Lab	71.7328, 34.0855, -14.6727

Details

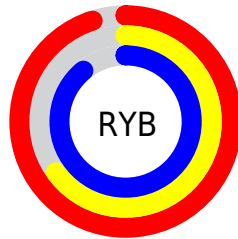
The XYZ color **64.1447, 51.4559, 78.5027** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.0132, 75.4794, 55.8758**, and the grayscale version is **51.9389, 54.6437, 59.5070**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **33.3946, 24.9677, 41.5872** is the 20% darker color. If you saturate the color by 10%, you get **59.4558, 43.2226, 73.4095**, and if you desaturate by 10%, it is **69.6918, 61.3681, 83.9939**.

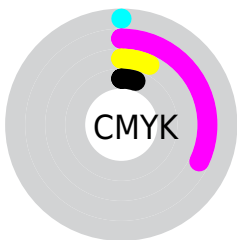
Distribution



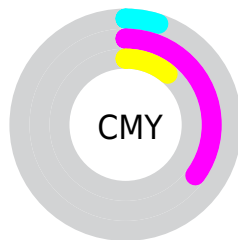
- Red (95%)
- Green (65%)
- Blue (89%)



- Red (95%)
- Yellow (65%)
- Blue (89%)



- Cyan (0%)
- Magenta (32%)
- Yellow (7%)
- Black (5%)




- Cyan (5%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1447, 51.4559, 78.5027 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 64.1447, 51.4559, 78.5027 by changing the saturation by 10% instead.


 64.1447, 51.4559,
78.5027


 64.1447, 51.4559,
78.5027


429.3059,
392.3325, 509.4455

 47.0300, 36.5716,
57.9681


 109.8919, 92.3283,
133.0508

 33.2674, 24.8759,
41.3685

 139.2551,
119.0852, 167.9015

 22.4916, 15.9847,
28.2853


173.4318,
150.5683, 208.3612

 14.3372, 9.5133,
18.2999

212.7874,
187.1622, 254.8486

 8.4388, 5.0775,
10.9938

257.6873,
229.2512, 307.7822

 4.4312, 2.2928,
5.9486

308.4967,

 1.9488, 0.7699,

277.2196, 367.5805

2.7456

365.5812,
331.4519, 434.6621

■ 0.6050, 0.0000,
0.9662

■ 0.0000, 0.0000,
0.0000

■ 64.1447, 51.4559,
78.5027

■ 64.1447, 51.4559,
78.5027

■ 59.4558, 43.2226,
73.4095

■ 69.6918, 61.3681,
83.9939

■ 55.5730, 36.5666,
68.6942

■ 76.1363, 73.0395,
89.8953

■ 52.4456, 31.3861,
64.3395

■ 83.5203, 86.5534,
96.2227

■ 50.0150, 27.5644,
60.3249

■ 89.5399, 97.3018,
102.2090

■ 48.2140, 24.9672,
56.6270

■ 90.3700, 97.6339,
106.5800

■ 46.9614, 23.4326,
53.2175

■ 90.7725, 97.7949,
108.6998

■ 46.2607, 22.7742,
50.6934

Harmonies

Analogous

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



57.9435, 51.4559, 102.0687



64.1447, 51.4559, 78.5027



66.1202, 51.4559, 53.5080

Triad

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



64.1447, 51.4559, 78.5027



48.0197, 51.4559, 22.3051



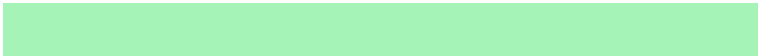
37.0339, 51.4559, 84.1809

Complementary

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



64.1447, 51.4559, 78.5027



56.0132, 75.4794, 55.8758

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.



34.9755, 51.4559, 58.6233



64.1447, 51.4559, 78.5027



40.8631, 51.4559, 26.4520

Square

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



64.1447, 51.4559, 78.5027



56.2289, 51.4559, 24.9315



36.2969, 51.4559, 38.3111



42.2505, 51.4559, 105.9312

Rectangle

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



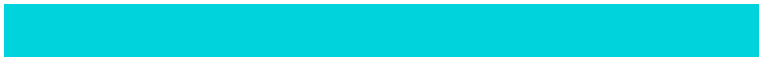
64.1447, 51.4559, 78.5027



64.6143, 51.4559, 40.2053



36.2969, 51.4559, 38.3111



35.9774, 51.4559, 75.5340

Sweetspot

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



64.1463, 51.4582, 78.5038



86.5658, 84.4429, 101.7210



48.9029, 43.3169, 90.5784



18.2919, 17.6425, 21.5648



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.



64.1463, 51.4582, 78.5038



67.8074, 50.7879, 83.5626



59.3995, 49.5595, 53.5075



17.0499, 16.7028, 20.0095



25.4416, 12.5201, 28.0973



2.2735, 1.1154, 2.6665

Inverse Universe

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



64.1463, 51.4582, 78.5038



67.8074, 50.7879, 83.5626



60.6073, 77.3170, 80.0678



17.0499, 16.7028, 20.0095



25.4416, 12.5201, 28.0973



2.2735, 1.1154, 2.6665

Previews

White Background



This preview shows how the XYZ color 64.1447, 51.4559, 78.5027 looks on a white background.

Color Contrast Check

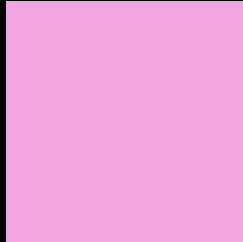
Large Text (above 18pt) WCAG AA × Fail

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 64.1447, 51.4559, 78.5027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

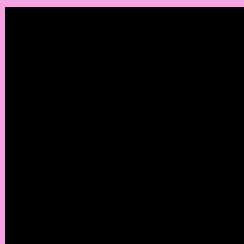
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1447, 51.4559, 78.5027

Background



This preview shows how black text looks on a background with the XYZ color 64.1447, 51.4559, 78.5027.



This preview shows how white text looks on a background with the XYZ color 64.1447, 51.4559,

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

64.1447, 51.4559, 78.5027

Protanopia

52.1417, 51.7244, 91.2400

Deuteranopia

52.9919, 51.8611, 76.3245



Tritanopia

59.0664, 51.6095, 53.3029

Trichromacy



Original Color

64.1447, 51.4559, 78.5027



Protanomaly

55.5490, 51.1162, 86.2955



Deuteranomaly

56.3911, 51.1656, 76.7158



Tritanomaly

60.8525, 51.4918, 61.9900

Monochromacy



Original Color

64.1447, 51.4559, 78.5027



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.4324, 52.7343, 65.6496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1447, 51.4559, 78.5027 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(243, 165, 226)` looks like.

```
.text, #text, p{  
    color:rgb(243, 165, 226)  
}
```

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(243, 165, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 165, 226) }
```

Border

The CSS property to change the border of an element to XYZ 64.1447, 51.4559, 78.5027 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(243, 165, 226) }
```


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

```
.border{ border-color:rgb(243, 165, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 165, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 165, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 165, 226);  
box-shadow:4px 4px 4px 4px rgb(243, 165,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1447, 51.4559, 78.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 165, 226) }
```

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

```
.background{ background-color: rgb(243,  
165, 226) }
```

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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