

Converting Colors

XYZ(93.1623, 58.2077, 76.9690)

Have a look what the booklet for
XYZ(93.1623, 58.2077, 76.9690)
contains.

| | |
|------------------------------------------------|----|
| XYZ(62.5448, 42.3423, 75.3974) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(62.5448, 42.3423,
75.3974)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FF81E0 |
| RGB | 255, 129, 224 |
| RGB Percent | 100%, 51%, 88% |
| CMY | 0.0000, 0.4941, 0.1216 |
| CMYK | 0.00, 0.49, 0.12, 0.00 |
| HSL | 315°, 100%, 75% |
| HSV | 315°, 49%, 100% |
| XYZ | 62.5448, 42.3423, 75.3974 |
| YIQ | 177.5040, 44.6010, 56.2570 |

Conversions

Conversions Part 2

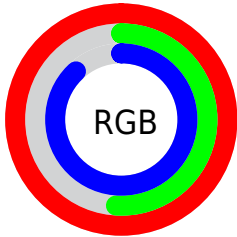
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 255, 129, 224 |
| Decimal | 16744928 |
| CIELab | 71.11, 59.44, -26.76 |
| CIELCh | 71, 65.185, 335.764 |
| Yxy | 42.3423, 0.3469, 0.2349 |
| Android (android.graphics.Color) | 4294935008 (0xFFFF81E0) |
| YUV | 177.5040, 22.9225, 67.9640 |
| Hunter-Lab | 65.0710, 57.6962, -23.1494 |

Details

The XYZ color **62.5448, 42.3423, 75.3974** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.1599, 78.7259, 45.7596**, and the grayscale version is **41.9229, 44.1061, 48.0316**.

A 20% lighter version of the original color is **76.6390, 63.1779, 102.7630**, and **32.3089, 19.3654, 39.5711** is the 20% darker color. If you saturate the color by 10%, you get **58.7599, 36.1092, 70.0151**, and if you desaturate by 10%, it is **67.2009, 50.2674, 81.2260**.

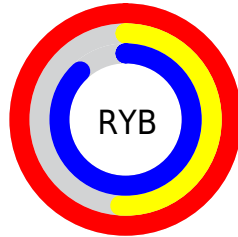
Distribution



Red (100%)

Green (51%)

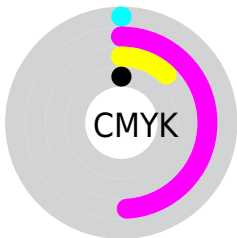
Blue (88%)



Red (100%)

Yellow (51%)

Blue (88%)

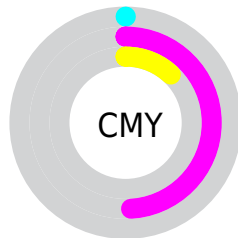


Cyan (0%)

Magenta (49%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5448, 42.3423, 75.3974 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 62.5448, 42.3423, 75.3974 by changing the saturation by 10% instead.


 62.5448, 42.3423,
75.3974


 62.5448, 42.3423,
75.3974


423.6015,
355.8999, 498.5742


 45.7303, 29.3694,
55.4348


 107.5980, 78.7174,
128.6270

 32.2368, 19.3605,
39.3490


 136.5675,
102.8884, 162.7311

 21.6988, 11.9310,
26.7214


 170.3193,
131.5610, 202.3862

 13.7511, 6.6967,
17.1335

209.2189,
165.1194, 248.0107

 8.0283, 3.2732,
10.1668

253.6315,
203.9481, 300.0232

 4.1650, 1.2760,
5.4026

303.9226,

 1.7959, 0.1225,

248.4315, 358.8423

2.4225

360.4575,
298.9540, 424.8864

■ 0.5152, 0.0000,
0.7987

■ 0.0000, 0.0000,
0.0000

■ 62.5448, 42.3423,
75.3974

■ 62.5448, 42.3423,
75.3974

■ 58.7599, 36.1092,
70.0151

■ 67.2009, 50.2674,
81.2260

■ 55.7796, 31.4356,
65.0538

■ 72.7828, 59.9932,
87.5193

■ 53.5318, 28.1779,
60.4882

■ 79.3436, 71.6257,
94.2970

■ 51.9298, 26.1633,
56.2879

■ 86.9317, 85.2611,
101.5768

■ 50.8408, 25.1265, 95.0500, 100.0000,
52.4067 108.9000

■ 50.7833, 25.0773,
52.1843

Harmonies

Analogous

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



53.7812, 42.3423, 113.9850



62.5448, 42.3423, 75.3974



64.9105, 42.3423, 40.3331

Triad

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



62.5448, 42.3423, 75.3974



38.1763, 42.3423, 8.4555



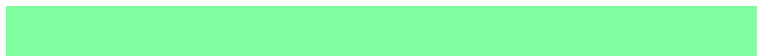
25.5200, 42.3423, 90.8425

Complementary

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



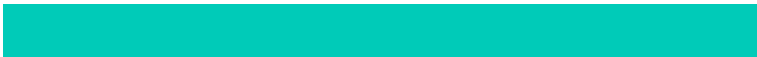
62.5448, 42.3423, 75.3974



51.1599, 78.7259, 45.7596

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.



22.7847, 42.3423, 52.3997



62.5448, 42.3423, 75.3974



29.1952, 42.3423, 12.5336

Square

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



62.5448, 42.3423, 75.3974



49.4773, 42.3423, 10.1698



23.9974, 42.3423, 25.5908



32.2393, 42.3423, 125.3686

Rectangle

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



62.5448, 42.3423, 75.3974



62.2282, 42.3423, 24.6228



23.9974, 42.3423, 25.5908



24.1652, 42.3423, 77.4304

Sweetspot

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



62.5458, 42.3441, 75.3982



82.5600, 77.3855, 97.4439



40.0815, 30.2325, 98.3307



17.3367, 15.9637, 20.5323



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.



62.5458, 42.3441, 75.3982



58.8986, 36.3328, 70.2270



55.6666, 39.5924, 39.1731



18.5904, 18.2195, 21.7263



26.5978, 13.1284, 27.5960



2.6330, 1.2956, 2.9146

Inverse Universe

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



62.5458, 42.3441, 75.3982



58.8986, 36.3328, 70.2270



57.9190, 81.4295, 81.3524



18.5904, 18.2195, 21.7263



26.5978, 13.1284, 27.5960



2.6330, 1.2956, 2.9146

Previews

White Background



This preview shows how the XYZ color 62.5448, 42.3423, 75.3974 looks on a white background.

Color Contrast Check

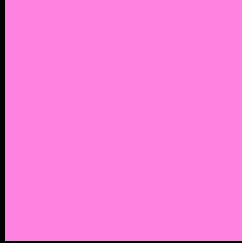
Large Text (above 18pt) WCAG AA × Fail

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 62.5448, 42.3423, 75.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

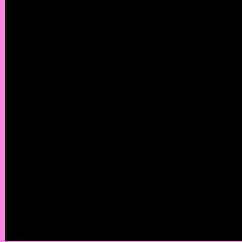
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5448, 42.3423, 75.3974

Background



This preview shows how black text looks on a background with the XYZ color 62.5448, 42.3423, 75.3974.



This preview shows how white text looks on a background with the XYZ color 62.5448, 42.3423,

75.3974.

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

62.5448, 42.3423, 75.3974

Protanopia

44.8351, 42.9281, 100.5306

Deuteranopia

43.6649, 42.6816, 71.5826



Tritanopia

54.2474, 42.0872, 36.2748

Trichromacy



Original Color

62.5448, 42.3423, 75.3974



Protanomaly

48.4673, 40.7477, 90.8985



Deuteranomaly

48.8941, 41.3617, 73.1168



Tritanomaly

56.8952, 42.0845, 48.3044

Monochromacy



Original Color

62.5448, 42.3423, 75.3974



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

47.8747, 42.2036, 57.2526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5448, 42.3423, 75.3974 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, 129, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 224)  
}
```

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, 129, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 224) }
```

Border

The CSS property to change the border of an element to XYZ 62.5448, 42.3423, 75.3974 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, 129, 224) }
```


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

```
.border{ border-color:rgb(255, 129, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5448, 42.3423, 75.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 224) }
```

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

```
.background{ background-color: rgb(255,  
129, 224) }
```

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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