

Converting Colors

XYZ(62.3170, 48.1139, 74.1276)

Have a look what the booklet for
XYZ(62.3170, 48.1139, 74.1276)
contains.

XYZ(62.4287, 48.0756, 74.3958)	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(62.4287, 48.0756,
74.3958)**

Conversions

Conversions Part 1

Format	Color
Hex	F59BDD
RGB	245, 155, 221
RGB Percent	96%, 61%, 87%
CMY	0.0392, 0.3921, 0.1333
CMYK	0.00, 0.37, 0.10, 0.04
HSL	316°, 82%, 78%
HSV	316°, 37%, 96%
XYZ	62.4287, 48.0756, 74.3958
YIQ	189.4340, 32.4540, 39.6060

Conversions

Conversions Part 2

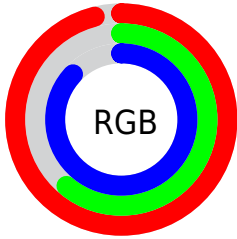
Format	Color
RYB	245, 155, 221
Decimal	16096221
CIELab	74.87, 42.94, -19.48
CIELCh	75, 47.148, 335.600
Yxy	48.0756, 0.3376, 0.2600
Android (android.graphics.Color)	4294286301 (0xFFFF59BDD)
YUV	189.4340, 15.5620, 48.7314
Hunter-Lab	69.3366, 39.3774, -15.0806

Details

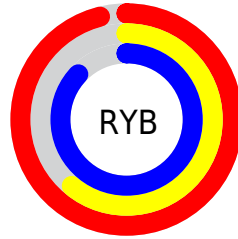
The XYZ color **62.4287, 48.0756, 74.3958** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.3087, 75.5296, 54.3673**, and the grayscale version is **48.5202, 51.0470, 55.5902**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **32.1278, 22.8207, 38.7879** is the 20% darker color. If you saturate the color by 10%, you get **57.9040, 40.3917, 68.6761**, and if you desaturate by 10%, it is **67.8173, 57.4317, 80.5716**.

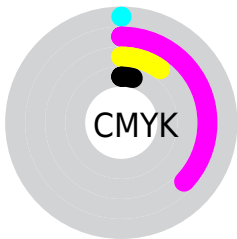
Distribution



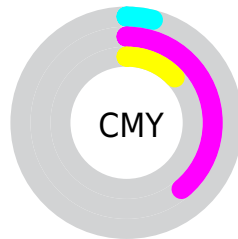
- Red (96%)
- Green (61%)
- Blue (87%)



- Red (96%)
- Yellow (61%)
- Blue (87%)



- Cyan (0%)
- Magenta (37%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (39%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4287, 48.0756, 74.3958 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 62.4287, 48.0756, 74.3958 by changing the saturation by 10% instead.


 62.4287, 48.0756,
74.3958


 62.4287, 48.0756,
74.3958


423.1858,
379.0917, 495.0382

 45.6361, 33.8868,
54.6193


 107.4313, 87.3170,
127.1959

 32.1622, 22.8066,
38.7005


 136.3721,
113.1383, 161.0567

 21.6415, 14.4508,
26.2207


170.0929,
143.6058, 200.4492

 13.7089, 8.4349,
16.7616

208.9592,
179.1041, 245.7921

 7.9988, 4.3744,
9.9045

253.3362,
220.0174, 297.5039

 4.1460, 1.8851,
5.2309

303.5895,

 1.7850, 0.5394,

266.7302, 356.0032

2.3223

360.0842,
319.6268, 421.7084

■ 0.5086, 0.0000,
0.7437

■ 0.0000, 0.0000,
0.0000

■ 62.4287, 48.0756,
74.3958

■ 62.4287, 48.0756,
74.3958

■ 57.9040, 40.3917,
68.6761

■ 67.8173, 57.4317,
80.5716

■ 54.1882, 34.2727,
63.3908

■ 74.1120, 68.5457,
87.2180

■ 51.2264, 29.6088,
58.5203

■ 81.3573, 81.5055,
94.3521

■ 48.9552, 26.2735,
54.0414

■ 89.5933, 96.3910,
101.9890

■ 47.2998, 24.1183,
49.9272

■ 91.2531, 98.0673,
107.6082

■ 46.1662, 22.9555,
46.1444

■ 91.4666, 98.1527,
108.7323

■ 45.8606, 22.6943,
44.9639

Harmonies

Analogous

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



55.9885, 48.0756, 100.9395



62.4287, 48.0756, 74.3958



64.1622, 48.0756, 47.8690

Triad

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



62.4287, 48.0756, 74.3958



44.1032, 48.0756, 17.9941



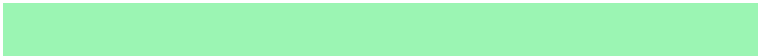
33.5479, 48.0756, 84.9554

Complementary

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



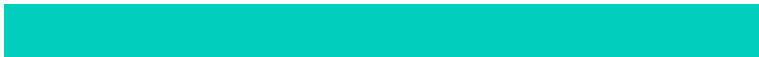
62.4287, 48.0756, 74.3958



54.3087, 75.5296, 54.3673

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.



31.1612, 48.0756, 57.0941



62.4287, 48.0756, 74.3958



36.7464, 48.0756, 22.5566

Square

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



62.4287, 48.0756, 74.3958



52.8556, 48.0756, 20.0268



32.2546, 48.0756, 35.1503



39.2112, 48.0756, 108.2532

Rectangle

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



62.4287, 48.0756, 74.3958



62.2491, 48.0756, 34.4673



32.2546, 48.0756, 35.1503



32.3704, 48.0756, 75.5349

Sweetspot

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



62.4302, 48.0778, 74.3968



85.5642, 82.9183, 99.9117



46.7954, 39.6215, 91.5685



18.0835, 17.3351, 21.1580



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.



62.4302, 48.0778, 74.3968



64.6337, 46.2854, 76.8175



57.2158, 45.9921, 46.9385



17.0139, 16.6884, 19.8200



24.7662, 12.2499, 24.5411



2.2192, 1.0936, 2.3805

Inverse Universe

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



62.4302, 48.0778, 74.3968



64.6337, 46.2854, 76.8175



59.6263, 77.6566, 82.3692



17.0139, 16.6884, 19.8200



24.7662, 12.2499, 24.5411



2.2192, 1.0936, 2.3805

Previews

White Background



This preview shows how the XYZ color 62.4287, 48.0756, 74.3958 looks on a white background.

Color Contrast Check

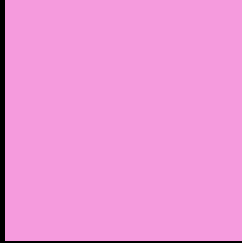
Large Text (above 18pt) WCAG AA × Fail

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 62.4287, 48.0756, 74.3958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

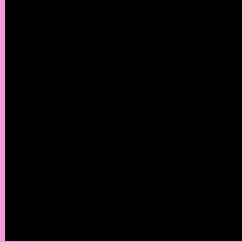
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4287, 48.0756, 74.3958

Background



This preview shows how black text looks on a background with the XYZ color 62.4287, 48.0756, 74.3958.



This preview shows how white text looks on a background with the XYZ color 62.4287, 48.0756,

74.3958.

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

62.4287, 48.0756, 74.3958

Protanopia

49.0238, 48.5933, 89.2337

Deuteranopia

49.2094, 48.1652, 71.6689



Tritanopia

57.0471, 48.2108, 47.3732

Trichromacy



Original Color

62.4287, 48.0756, 74.3958



Protanomaly

52.6775, 47.6406, 83.5100



Deuteranomaly

53.2302, 47.5977, 72.7114



Tritanomaly

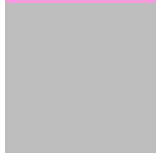
58.8772, 48.1728, 56.0643

Monochromacy



Original Color

62.4287, 48.0756, 74.3958



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.5593, 49.2166, 61.9879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4287, 48.0756, 74.3958 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, 155, 221)` looks like.

```
.text, #text, p{  
    color:rgb(245, 155, 221)  
}
```

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, 155, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 155, 221) }
```

Border

The CSS property to change the border of an element to XYZ 62.4287, 48.0756, 74.3958 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, 155, 221) }
```


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

```
.border{ border-color:rgb(245, 155, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 155, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 155, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 155, 221);  
box-shadow:4px 4px 4px 4px rgb(245, 155,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4287, 48.0756, 74.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 155, 221) }
```

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

```
.background{ background-color: rgb(245,  
155, 221) }
```

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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