

Converting Colors

XYZ(62.4312, 51.1763, 71.8961)

Have a look what the booklet for
XYZ(62.4312, 51.1763, 71.8961)
contains.

XYZ(62.6187, 51.3480, 72.2564)	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(62.6187, 51.3480,
72.2564)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A7D9
RGB	241, 167, 217
RGB Percent	95%, 65%, 85%
CMY	0.0549, 0.3451, 0.1490
CMYK	0.00, 0.31, 0.10, 0.05
HSL	319°, 73%, 80%
HSV	319°, 31%, 95%
XYZ	62.6187, 51.3480, 72.2564
YIQ	194.8260, 28.0540, 31.2380

Conversions

Conversions Part 2

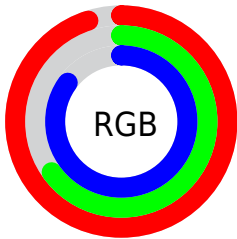
Format	Color
R _Y B	241, 167, 217
Decimal	15837145
CIE Lab	76.89, 34.68, -14.30
CIE LCh	77, 37.515, 337.601
Yxy	51.3480, 0.3363, 0.2757
Android (android.graphics.Color)	4294027225 (0xFFF1A7D9)
YUV	194.8260, 10.9318, 40.4946
Hunter-Lab	71.6575, 30.5835, -9.6253

Details

The XYZ color **62.6187, 51.3480, 72.2564** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.7978, 74.8891, 60.7550**, and the grayscale version is **51.6949, 54.3871, 59.2275**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **32.3061, 24.8336, 37.2731** is the 20% darker color. If you saturate the color by 10%, you get **57.6157, 42.9302, 65.6909**, and if you desaturate by 10%, it is **68.4956, 61.4351, 79.3519**.

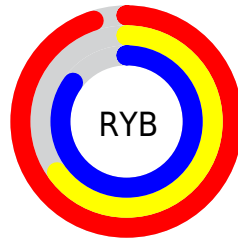
Distribution



Red (95%)

Green (65%)

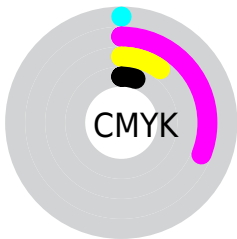
Blue (85%)



Red (95%)

Yellow (65%)

Blue (85%)

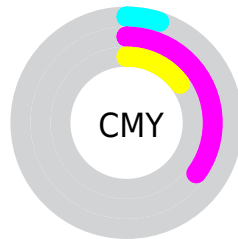


Cyan (0%)

Magenta (31%)

Yellow (10%)

Black (5%)



Cyan (5%)

Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6187, 51.3480, 72.2564 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 62.6187, 51.3480, 72.2564 by changing the saturation by 10% instead.

62.6187, 51.3480,
72.2564

62.6187, 51.3480,
72.2564

423.8660,
391.9143, 487.4351

45.7903, 36.4856,
52.8800

107.7041, 92.1690,
124.1321

32.2843, 24.8095,
37.3199

136.6919,
118.8964, 157.4685

21.7353, 15.9352,
25.1576

170.4634,
150.3476, 196.2954

13.7781, 9.4783,
15.9744

209.3842,
186.9069, 241.0312

8.0471, 5.0544,
9.3519

253.8194,
228.9589, 292.0945

4.1772, 2.2792,
4.8715

304.1346,

1.8029, 0.7627,

276.8879, 349.9039

2.1146

360.6950,
331.0782, 414.8779

■ 0.5194, 0.0000,
0.6245

■ 0.0000, 0.0000,
0.0000

■ 62.6187, 51.3480,
72.2564

■ 62.6187, 51.3480,
72.2564

■ 57.6157, 42.9302,
65.6909

■ 68.4956, 61.4351,
79.3519

■ 53.4356, 36.0827,
59.6336

■ 75.2847, 73.2691,
86.9917

■ 50.0289, 30.7073,
54.0651

■ 83.0275, 86.9315,
95.1934

■ 47.3388, 26.6913,
48.9632

■ 89.0208, 97.0149,
103.0589

■ 45.3004, 23.9057,
44.3026

■ 90.0859, 97.4409,
108.6677

■ 43.8359, 22.1965,
40.0540

■ 42.8719, 21.3393,
36.4314

Harmonies

Analogous

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



57.6629, 51.3480, 93.1711



62.6187, 51.3480, 72.2564



63.7047, 51.3480, 50.8717

Triad

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



62.6187, 51.3480, 72.2564



47.0125, 51.3480, 25.3079



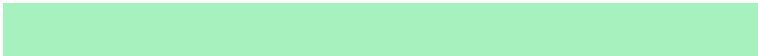
38.7227, 51.3480, 83.4712

Complementary

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



62.6187, 51.3480, 72.2564



56.7978, 74.8891, 60.7550

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.



36.4306, 51.3480, 61.2689



62.6187, 51.3480, 72.2564



40.9037, 51.3480, 30.2010

Square

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



62.6187, 51.3480, 72.2564



54.2211, 51.3480, 26.8835



37.1882, 51.3480, 42.2347



43.7617, 51.3480, 100.6685

Rectangle

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



62.6187, 51.3480, 72.2564



61.9994, 51.3480, 39.6103



37.1882, 51.3480, 42.2347



37.6290, 51.3480, 76.1592

Sweetspot

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



62.6202, 51.3503, 72.2575



86.9852, 85.7512, 100.4135



51.0418, 44.9941, 89.2143



18.3574, 17.8959, 21.2095



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.



62.6202, 51.3503, 72.2575



67.4324, 52.0310, 77.2933



58.3923, 49.6592, 49.9935



16.2235, 15.9391, 18.7331



23.3127, 11.5975, 20.0953



1.9848, 0.9830, 1.9108

Inverse Universe

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



62.6202, 51.3503, 72.2575



67.4324, 52.0310, 77.2933



61.3184, 76.6974, 84.5606



16.2235, 15.9391, 18.7331



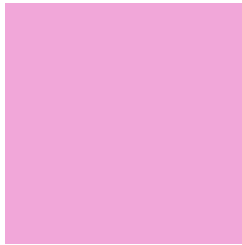
23.3127, 11.5975, 20.0953



1.9848, 0.9830, 1.9108

Previews

White Background



This preview shows how the XYZ color 62.6187, 51.3480, 72.2564 looks on a white background.

Color Contrast Check

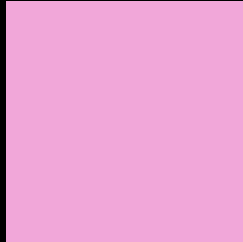
Large Text (above 18pt) WCAG AA × Fail

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 62.6187, 51.3480, 72.2564 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 62.6187, 51.3480, 72.2564

Background



This preview shows how black text looks on a background with the XYZ color 62.6187, 51.3480, 72.2564.



This preview shows how white text looks on a background with the XYZ color 62.6187, 51.3480,

72.2564.

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

62.6187, 51.3480, 72.2564

Protanopia

51.4631, 51.5597, 82.8409

Deuteranopia

52.7753, 51.5587, 70.7886



Tritanopia

58.7315, 51.4368, 53.2872

Trichromacy



Original Color

62.6187, 51.3480, 72.2564



Protanomaly

54.6773, 50.8300, 78.8809



Deuteranomaly

55.9177, 51.0432, 71.1951



Tritanomaly

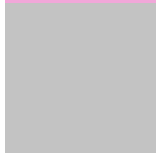
59.9008, 51.3342, 59.5747

Monochromacy



Original Color

62.6187, 51.3480, 72.2564



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.2798, 53.0068, 63.8177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6187, 51.3480, 72.2564 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(241, 167, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 167, 217)  
}
```

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(241, 167, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 167, 217) }
```

Border

The CSS property to change the border of an element to XYZ 62.6187, 51.3480, 72.2564 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(241, 167, 217) }
```


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

```
.border{ border-color:rgb(241, 167, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 167, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 167, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 167, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 167,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6187, 51.3480, 72.2564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 167, 217) }
```

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

```
.background{ background-color: rgb(241,  
167, 217) }
```

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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