

Converting Colors

XYZ(62.8915, 48.5686, 69.2363)

Have a look what the booklet for
XYZ(62.8915, 48.5686, 69.2363)
contains.

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Color

**XYZ(62.9656, 48.7208,
69.0362)**

Conversions

Conversions Part 1

Format	Color
Hex	F99CD5
RGB	249, 156, 213
RGB Percent	98%, 61%, 84%
CMY	0.0235, 0.3882, 0.1647
CMYK	0.00, 0.37, 0.14, 0.02
HSL	323°, 89%, 79%
HSV	323°, 37%, 98%
XYZ	62.9656, 48.7208, 69.0362
YIQ	190.3050, 37.1310, 37.4430

Conversions

Conversions Part 2

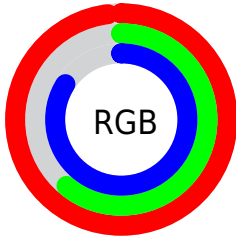
Format	Color
R _Y B	249, 156, 213
Decimal	16358613
CIE Lab	75.28, 42.43, -14.44
CIE LCh	75, 44.825, 341.203
Yxy	48.7208, 0.3484, 0.2696
Android (android.graphics.Color)	4294548693 (0xFFF99CD5)
YUV	190.3050, 11.1886, 51.4755
Hunter-Lab	69.8003, 38.8712, -9.7808

Details

The XYZ color **62.9656, 48.7208, 69.0362** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.1025, 78.6264, 62.0395**, and the grayscale version is **49.0432, 51.5972, 56.1894**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **32.5077, 23.2455, 35.1212** is the 20% darker color. If you saturate the color by 10%, you get **58.0204, 40.7301, 61.5299**, and if you desaturate by 10%, it is **68.8428, 58.4579, 77.2131**.

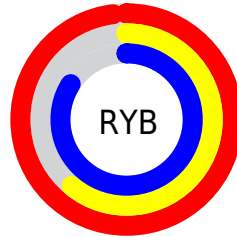
Distribution



Red (98%)

Green (61%)

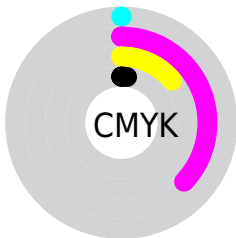
Blue (84%)



Red (98%)

Yellow (61%)

Blue (84%)

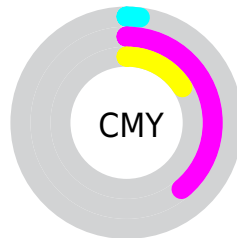


Cyan (0%)

Magenta (37%)

Yellow (14%)

Black (2%)



Cyan (2%)


Magenta (39%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9656, 48.7208, 69.0362 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 62.9656, 48.7208, 69.0362 by changing the saturation by 10% instead.


 62.9656, 48.7208,
69.0362


 62.9656, 48.7208,
69.0362


425.1063,
381.6421, 475.8560

 46.0719, 34.3981,
50.2693

 108.2020, 88.2766,
119.5015

 32.5074, 23.1996,
35.2547


 137.2754,
114.2785, 152.0369

 21.9068, 14.7409,
23.5740


171.1394,
144.9422, 189.9988

 13.9047, 8.6378,
14.8087

210.1594,
180.6522, 233.8059

 8.1356, 4.5057,
8.5401

254.7007,
221.7927, 283.8766

 4.2344, 1.9603,
4.3497

305.1288,

 1.8356, 0.5842,

268.7483, 340.6295

1.8191

361.8088,
321.9033, 404.4831

■ 0.5390, 0.0000,
0.4405

■ 0.0000, 0.0000,
0.0000

■ 62.9656, 48.7208,
69.0362

■ 62.9656, 48.7208,
69.0362

■ 58.0204, 40.7301,
61.5299

■ 68.8428, 58.4579,
77.2131

■ 53.9489, 34.3731,
54.6669

■ 75.6971, 70.0314,
86.0800

■ 50.6929, 29.5345,
48.4221

■ 83.5758, 83.5335,
95.6590

■ 48.1845, 26.0811,
42.7662

■ 92.3279, 98.6601,
105.9057

■ 46.3442, 23.8560,
37.6662

■ 92.8772, 98.8799,
108.7983

■ 45.0692, 22.6554,
33.0808

■ 44.7846, 22.4268,
31.9360

Harmonies

Analogous

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



57.5360, 48.7208, 94.9850



62.9656, 48.7208, 69.0362



63.6339, 48.7208, 44.7201

Triad

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



62.9656, 48.7208, 69.0362



43.3001, 48.7208, 19.8494



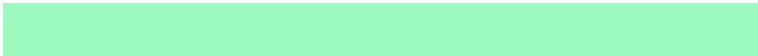
35.3907, 48.7208, 88.8618

Complementary

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



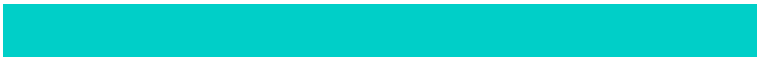
62.9656, 48.7208, 69.0362



57.1025, 78.6264, 62.0395

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.



32.4520, 48.7208, 62.3520



62.9656, 48.7208, 69.0362



36.6443, 48.7208, 25.7301

Square

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



62.9656, 48.7208, 69.0362



51.5972, 48.7208, 20.6673



32.8819, 48.7208, 39.7421



41.3926, 48.7208, 108.5719

Rectangle

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



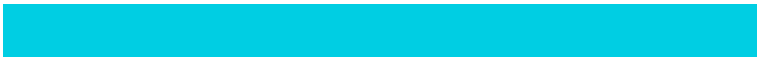
62.9656, 48.7208, 69.0362



61.2080, 48.7208, 32.8594



32.8819, 48.7208, 39.7421



34.0459, 48.7208, 80.1687

Sweetspot

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



62.9671, 48.7231, 69.0372



85.0460, 82.7111, 97.1830



50.6393, 41.7800, 95.0185



17.9596, 17.2856, 20.5059



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.



62.9671, 48.7231, 69.0372



62.3597, 44.7713, 66.7062



57.9184, 46.7036, 42.4513



17.6917, 17.4040, 20.2321



24.0440, 12.0333, 17.4722



2.2788, 1.1352, 1.8914

Inverse Universe

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



62.9671, 48.7231, 69.0372



62.3597, 44.7713, 66.7062



63.0423, 81.0023, 93.3179



17.6917, 17.4040, 20.2321



24.0440, 12.0333, 17.4722



2.2788, 1.1352, 1.8914

Previews

White Background



This preview shows how the XYZ color 62.9656, 48.7208, 69.0362 looks on a white background.

Color Contrast Check

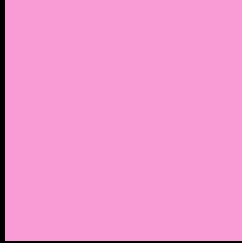
Large Text (above 18pt) WCAG AA × Fail

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 62.9656, 48.7208, 69.0362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

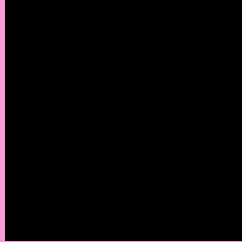
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9656, 48.7208, 69.0362

Background



This preview shows how black text looks on a background with the XYZ color 62.9656, 48.7208, 69.0362.



This preview shows how white text looks on a background with the XYZ color 62.9656, 48.7208,

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

62.9656, 48.7208, 69.0362

Protanopia

49.1615, 49.1058, 83.2312

Deuteranopia

50.0248, 48.9887, 67.1408



Tritanopia

58.4912, 48.7020, 46.8750

Trichromacy



Original Color

62.9656, 48.7208, 69.0362



Protanomaly

52.8141, 48.1259, 77.7398



Deuteranomaly

53.8260, 48.3043, 67.4595



Tritanomaly

59.7621, 48.4086, 54.3381

Monochromacy



Original Color

62.9656, 48.7208, 69.0362



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.9774, 49.7669, 60.2398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9656, 48.7208, 69.0362 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(249, 156, 213)` looks like.

```
.text, #text, p{  
    color:rgb(249, 156, 213)  
}
```

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(249, 156, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 156, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.9656, 48.7208, 69.0362 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(249, 156, 213) }
```


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

```
.border{ border-color:rgb(249, 156, 213) }
```

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

Here you see how a box with a 4 pixel rgb(249, 156, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 156, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 156, 213);  
box-shadow:4px 4px 4px 4px rgb(249, 156,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9656, 48.7208, 69.0362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 156, 213) }
```

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

```
.background{ background-color: rgb(249,  
156, 213) }
```

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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