

Converting Colors

XYZ(62.1180, 49.7401, 67.5846)

Have a look what the booklet for
XYZ(62.1180, 49.7401, 67.5846)
contains.

XYZ(62.2094, 49.9063, 67.3269)	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(62.2094, 49.9063,
67.3269)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A2D2
RGB	245, 162, 210
RGB Percent	96%, 64%, 82%
CMY	0.0392, 0.3647, 0.1765
CMYK	0.00, 0.34, 0.14, 0.04
HSL	325°, 81%, 80%
HSV	325°, 34%, 96%
XYZ	62.2094, 49.9063, 67.3269
YIQ	192.2890, 34.0600, 32.5240

Conversions

Conversions Part 2

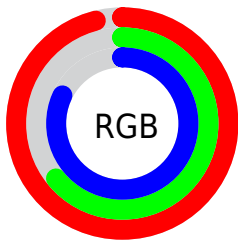
Format	Color
R _Y B	245, 162, 210
Decimal	16098002
CIE Lab	76.01, 37.52, -11.75
CIE LCh	76, 39.313, 342.614
Yxy	49.9063, 0.3467, 0.2781
Android (android.graphics.Color)	4294288082 (0xFFF5A2D2)
YUV	192.2890, 8.7315, 46.2275
Hunter-Lab	70.6444, 33.5593, -7.0546

Details

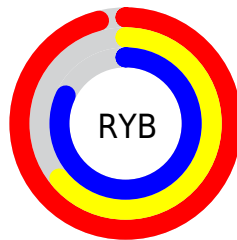
The XYZ color **62.2094, 49.9063, 67.3269** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.6329, 77.0188, 64.6554**, and the grayscale version is **50.2097, 52.8245, 57.5259**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **31.9629, 23.9024, 34.3815** is the 20% darker color. If you saturate the color by 10%, you get **57.0609, 41.6028, 59.4638**, and if you desaturate by 10%, it is **68.2846, 59.9290, 75.9101**.

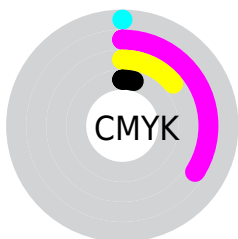
Distribution



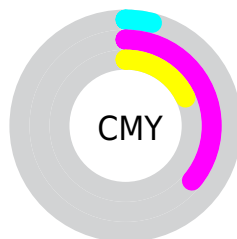
- Red (96%)
- Green (64%)
- Blue (82%)



- Red (96%)
- Yellow (64%)
- Blue (82%)



- Cyan (0%)
- Magenta (34%)
- Yellow (14%)
- Black (4%)




- Cyan (4%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2094, 49.9063, 67.3269 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 62.2094, 49.9063, 67.3269 by changing the saturation by 10% instead.


 62.2094, 49.9063,
67.3269

 62.2094, 49.9063,
67.3269


422.3999,
386.2994, 469.6406

 45.4582, 35.3390,
48.8871


 107.1163, 90.0360,
117.0338

 32.0213, 23.9241,
34.1649


 136.0028,
116.3672, 149.1379

 21.5334, 15.2773,
22.7419


169.6650,
147.3884, 186.6339

 13.6291, 9.0142,
14.1996

208.4683,
183.4841, 229.9403

 7.9431, 4.7505,
8.1193

252.7781,
225.0387, 279.4756

 4.1101, 2.1016,
4.0825

302.9597,

 1.7646, 0.6655,

272.4365, 335.6584

1.6707

359.3785,
326.0619, 398.9073

0.4962, 0.0000,
0.3405

0.0000, 0.0000,
0.0000

62.2094, 49.9063,
67.3269

62.2094, 49.9063,
67.3269

57.0609, 41.6028,
59.4638

68.2846, 59.9290,
75.9101

52.7842, 34.9130,
52.2931

75.3288, 71.7548,
85.2333

49.3251, 29.7303,
45.7894

83.3867, 85.4703,
95.3191

46.6210, 25.9324,
39.9238

90.8810, 97.9184,
105.6490

■ 44.5997, 23.3775,
34.6637

■ 91.4665, 98.1526,
108.7323

■ 43.1734, 21.8929,
29.9711

■ 42.5151, 21.3561,
27.3473

Harmonies

Analogous

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



57.6402, 49.9063, 89.8216



62.2094, 49.9063, 67.3269



62.5744, 49.9063, 45.9863

Triad

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



62.2094, 49.9063, 67.3269



44.4202, 49.9063, 23.6816



37.7923, 49.9063, 86.5369

Complementary

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



62.2094, 49.9063, 67.3269



57.6329, 77.0188, 64.6554

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.



34.9577, 49.9063, 63.6475



62.2094, 49.9063, 67.3269



38.5106, 49.9063, 29.7015

Square

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



62.2094, 49.9063, 67.3269



51.7755, 49.9063, 24.1856



35.2063, 49.9063, 43.1398



43.3430, 49.9063, 102.7280

Rectangle

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



62.2094, 49.9063, 67.3269



60.3358, 49.9063, 35.3447



35.2063, 49.9063, 43.1398



36.5172, 49.9063, 79.1506

Sweetspot

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



62.2109, 49.9086, 67.3279



85.7644, 84.1224, 97.5012



52.3209, 44.2501, 92.1704



18.0974, 17.5647, 20.5410



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.



62.2109, 49.9086, 67.3279



63.9649, 47.9152, 67.4462



57.7320, 48.1171, 43.7425



16.9009, 16.6432, 19.2249



22.9743, 11.5331, 15.1047



2.0705, 1.0342, 1.5976

Inverse Universe

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



62.2109, 49.9086, 67.3279



63.9649, 47.9152, 67.4462



62.9992, 79.1654, 92.9142



16.9009, 16.6432, 19.2249



22.9743, 11.5331, 15.1047



2.0705, 1.0342, 1.5976

Previews

White Background



This preview shows how the XYZ color 62.2094, 49.9063, 67.3269 looks on a white background.

Color Contrast Check

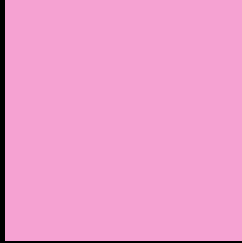
Large Text (above 18pt) WCAG AA × Fail

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 62.2094, 49.9063, 67.3269 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 62.2094, 49.9063, 67.3269

Background



This preview shows how black text looks on a background with the XYZ color 62.2094, 49.9063, 67.3269.



This preview shows how white text looks on a background with the XYZ color 62.2094, 49.9063,

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

62.2094, 49.9063, 67.3269

Protanopia

49.8768, 50.1925, 79.0108

Deuteranopia

51.3628, 50.3290, 65.3999



Tritanopia

58.6749, 49.8100, 49.7018

Trichromacy



Original Color

62.2094, 49.9063, 67.3269



Protanomaly

53.2690, 49.3081, 74.4200



Deuteranomaly

54.6168, 49.6120, 65.7289



Tritanomaly

59.8213, 49.7265, 55.7355

Monochromacy



Original Color

62.2094, 49.9063, 67.3269



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.6966, 51.0202, 61.0506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2094, 49.9063, 67.3269 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, 162, 210)` looks like.

```
.text, #text, p{  
    color:rgb(245, 162, 210)  
}
```

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, 162, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 162, 210) }
```

Border

The CSS property to change the border of an element to XYZ 62.2094, 49.9063, 67.3269 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, 162, 210) }
```


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

```
.border{ border-color:rgb(245, 162, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 162, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 162, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 162, 210);  
box-shadow:4px 4px 4px 4px rgb(245, 162,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2094, 49.9063, 67.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 162, 210) }
```

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

```
.background{ background-color: rgb(245,  
162, 210) }
```

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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