

Converting Colors

XYZ(52.3772, 42.6495, 49.9137)

Have a look what the booklet for
XYZ(52.3772, 42.6495, 49.9137)
contains.

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Color

**XYZ(52.3049, 42.6569,
49.7328)**

Conversions

Conversions Part 1

Format	Color
Hex	E698B6
RGB	230, 152, 182
RGB Percent	90%, 60%, 71%
CMY	0.0980, 0.4039, 0.2863
CMYK	0.00, 0.34, 0.21, 0.10
HSL	337°, 61%, 75%
HSV	337°, 34%, 90%
XYZ	52.3049, 42.6569, 49.7328
YIQ	178.7420, 36.8580, 25.8660

Conversions

Conversions Part 2

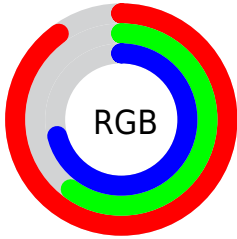
Format	Color
R _Y B	230, 152, 182
Decimal	15112374
CIE Lab	71.32, 33.35, -3.47
CIE LCh	71, 33.531, 354.059
Yxy	42.6569, 0.3615, 0.2948
Android (android.graphics.Color)	4293302454 (0xFFE698B6)
YUV	178.7420, 1.6062, 44.9533
Hunter-Lab	65.3122, 28.6542, 0.5715

Details

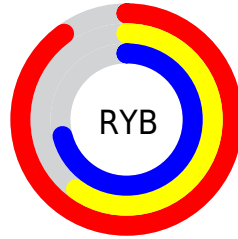
The XYZ color **52.3049, 42.6569, 49.7328** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.6729, 67.4403, 64.9408**, and the grayscale version is **42.6895, 44.9127, 48.9099**.

A 20% lighter version of the original color is **78.9854, 72.0587, 90.6347**, and **25.7532, 19.5836, 23.1915** is the 20% darker color. If you saturate the color by 10%, you get **47.5379, 35.3466, 41.2878**, and if you desaturate by 10%, it is **57.9460, 51.4779, 59.1997**.

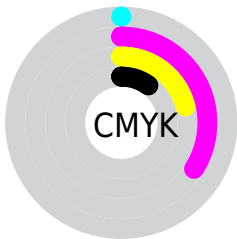
Distribution



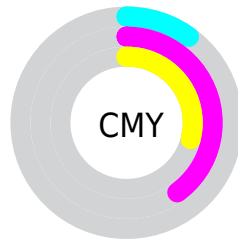
- Red (90%)
- Green (60%)
- Blue (71%)



- Red (90%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (10%)





- Cyan (10%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3049, 42.6569, 49.7328 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 52.3049, 42.6569, 49.7328 by changing the saturation by 10% instead.


 52.3049, 42.6569,
49.7328


 52.3049, 42.6569,
49.7328


385.9172,
357.1989, 402.3252

 37.4734, 29.6160,
34.8314


 92.7523, 79.1929,
91.1711

 25.7496, 19.5473,
23.2505


 119.0990,
103.4567, 118.5451

 16.7681, 12.0664,
14.5716


150.0147,
132.2303, 150.9137

 10.1636, 6.7889,
8.3760

185.8649,
165.8981, 188.6955

 5.5706, 3.3304,
4.2453

227.0149,
204.8445, 232.3090

 2.6240, 1.3066,
1.7608

273.8300,

 0.9582, 0.1463,

249.4538, 282.1728

0.4019

326.6757,
300.1105, 338.7053

■ 0.0000, 0.0000,
0.0000

■ 52.3049, 42.6569,
49.7328

■ 52.3049, 42.6569,
49.7328

■ 47.5379, 35.3466,
41.2878

■ 57.9460, 51.4779,
59.1997

■ 43.5950, 29.4552,
33.8250

■ 64.5004, 61.8826,
69.7207

■ 40.4266, 24.8903,
27.3058

■ 72.0091, 73.9463,
81.3300

■ 37.9756, 21.5459,
21.6875

■ 80.5097, 87.7377,
94.0590

■ 36.1769, 19.2993,
16.9231

■ 86.0871, 95.4206,
106.6211

■ 34.9515, 18.0017,
12.9596

■ 86.4433, 95.5631,
108.4972

■ 34.4136, 17.5352,
10.9021

Harmonies

Analogous

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



49.9650, 42.6569, 67.1459



52.3049, 42.6569, 49.7328



51.2653, 42.6569, 34.9087

Triad

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



52.3049, 42.6569, 49.7328



36.2851, 42.6569, 23.4813



34.5108, 42.6569, 76.3738

Complementary

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



52.3049, 42.6569, 49.7328



51.6729, 67.4403, 64.9408

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.



31.4327, 42.6569, 60.2810



52.3049, 42.6569, 49.7328



32.3887, 42.6569, 30.5086

Square

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



52.3049, 42.6569, 49.7328



41.6760, 42.6569, 21.9125



30.6933, 42.6569, 43.3075



39.4329, 42.6569, 84.6548

Rectangle

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



52.3049, 42.6569, 49.7328



48.8401, 42.6569, 28.0356



30.6933, 42.6569, 43.3075



33.2451, 42.6569, 71.5412

Sweetspot

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



52.3061, 42.6589, 49.7337



85.0232, 83.8259, 93.5980



49.0131, 40.2867, 80.0562



17.9183, 17.4930, 19.5978



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.



52.3061, 42.6589, 49.7337



61.5846, 46.9631, 54.9119



50.8384, 44.1644, 35.5534



14.6052, 14.4593, 16.1216



19.5383, 9.9495, 6.4637



1.4881, 0.7529, 0.7108

Inverse Universe

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



52.3061, 42.6589, 49.7337



61.5846, 46.9631, 54.9119



53.4077, 64.7386, 84.5443



14.6052, 14.4593, 16.1216



19.5383, 9.9495, 6.4637



1.4881, 0.7529, 0.7108

Previews

White Background



This preview shows how the XYZ color 52.3049, 42.6569, 49.7328 looks on a white background.

Color Contrast Check

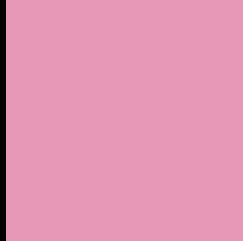
Large Text (above 18pt) WCAG AA × Fail

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 52.3049, 42.6569, 49.7328 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 52.3049, 42.6569, 49.7328

Background



This preview shows how black text looks on a background with the XYZ color 52.3049, 42.6569, 49.7328.



This preview shows how white text looks on a background with the XYZ color 52.3049, 42.6569,

49.7328.

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

52.3049, 42.6569, 49.7328

Protanopia

41.9996, 42.9829, 57.7127

Deuteranopia

43.7466, 42.9513, 48.6326



Tritanopia

50.5992, 42.6898, 41.6495

Trichromacy



Original Color

52.3049, 42.6569, 49.7328

Protanomaly

44.9228, 42.3276, 54.5176

Deuteranomaly

46.5122, 42.4688, 48.9259

Tritanomaly

51.3151, 42.7478, 44.5763

Monochromacy



Original Color

52.3049, 42.6569, 49.7328

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.7149, 43.6770, 49.2011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3049, 42.6569, 49.7328 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(230, 152, 182)` looks like.

```
.text, #text, p{  
    color:rgb(230, 152, 182)  
}
```

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(230, 152, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 152, 182) }
```

Border

The CSS property to change the border of an element to XYZ 52.3049, 42.6569, 49.7328 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(230, 152, 182) }
```


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

```
.border{ border-color:rgb(230, 152, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 152, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 152, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 152, 182);  
box-shadow:4px 4px 4px 4px rgb(230, 152,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3049, 42.6569, 49.7328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 152, 182) }
```

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

```
.background{ background-color: rgb(230,  
152, 182) }
```

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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