

Converting Colors

XYZ(52.1920, 42.2493, 49.2413)

Have a look what the booklet for
XYZ(52.1920, 42.2493, 49.2413)
contains.

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Color

**XYZ(52.3621, 42.4583,
49.1516)**

Conversions

Conversions Part 1

Format	Color
Hex	E797B5
RGB	231, 151, 181
RGB Percent	91%, 59%, 71%
CMY	0.0941, 0.4078, 0.2902
CMYK	0.00, 0.35, 0.22, 0.09
HSL	338°, 62%, 75%
HSV	338°, 35%, 91%
XYZ	52.3621, 42.4583, 49.1516
YIQ	178.3400, 38.0500, 26.2900

Conversions

Conversions Part 2

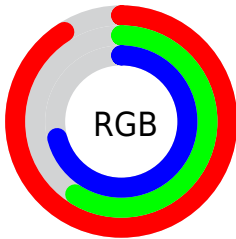
Format	Color
R_{YB}	231, 151, 181
Decimal	15177653
CIE _{Lab}	71.19, 34.09, -3.10
CIE _{LCh}	71, 34.226, 354.800
Yxy	42.4583, 0.3637, 0.2949
Android (android.graphics.Color)	4293367733 (0xFFE797B5)
YUV	178.3400, 1.3114, 46.1828
Hunter-Lab	65.1600, 29.4112, 0.8883

Details

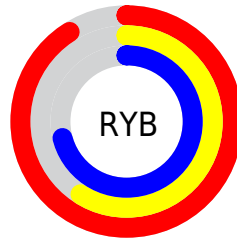
The XYZ color **52.3621, 42.4583, 49.1516** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.8828, 67.9493, 65.6425**, and the grayscale version is **42.4771, 44.6893, 48.6666**.

A 20% lighter version of the original color is **78.5974, 71.5170, 89.7824**, and **25.8137, 19.4809, 22.8217** is the 20% darker color. If you saturate the color by 10%, you get **47.5967, 35.1766, 40.6288**, and if you desaturate by 10%, it is **58.0118, 51.2620, 58.7276**.

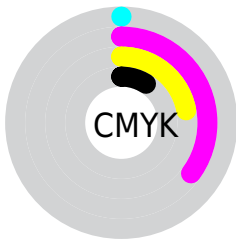
Distribution



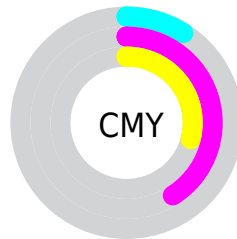
- Red (91%)
- Green (59%)
- Blue (71%)



- Red (91%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (9%)




- Cyan (9%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3621, 42.4583, 49.1516 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 52.3621, 42.4583, 49.1516 by changing the saturation by 10% instead.


 52.3621, 42.4583,
49.1516


 52.3621, 42.4583,
49.1516


386.1340,
356.3793, 399.9784

 37.5192, 29.4603,
34.3733


 92.8361, 78.8928,
90.2999

 25.7853, 19.4293,
22.9008


 119.1979,
103.0981, 117.5070

 16.7949, 11.9809,
14.3157


150.1301,
131.8079, 149.6940

 10.1828, 6.7307,
8.1993

185.9981,
165.4067, 187.2797

 5.5835, 3.2942,
4.1332

227.1670,
204.2788, 230.6824

 2.6318, 1.2872,
1.6987

274.0024,

 0.9622, 0.1313,

248.8087, 280.3207

0.3598

326.8696,
299.3807, 336.6132

■ 0.0000, 0.0000,
0.0000

■ 52.3621, 42.4583,
49.1516

■ 52.3621, 42.4583,
49.1516

■ 47.5967, 35.1766,
40.6288

■ 58.0118, 51.2620,
58.7276

■ 43.6647, 29.3237,
33.1179

■ 64.5858, 61.6621,
69.3908

■ 40.5151, 24.8052,
26.5783

■ 72.1262, 73.7351,
81.1768

■ 38.0896, 21.5128,
20.9652

■ 80.6711, 87.5509,
94.1184

■ 36.3213, 19.3211,
16.2293

■ 86.4755, 95.6132,
106.9869

■ 35.1287, 18.0767,
12.3149

■ 86.7652, 95.7290,
108.5123

■ 34.6599, 17.6709,
10.5192

Harmonies

Analogous

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



50.0524, 42.4583, 66.9262



52.3621, 42.4583, 49.1516



51.2149, 42.4583, 34.2094

Triad

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



52.3621, 42.4583, 49.1516



35.9049, 42.4583, 23.0808



34.3273, 42.4583, 77.1320

Complementary

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



52.3621, 42.4583, 49.1516



51.8828, 67.9493, 65.6425

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.



31.1508, 42.4583, 60.7802



52.3621, 42.4583, 49.1516



31.9994, 42.4583, 30.3117

Square

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



52.3621, 42.4583, 49.1516



41.3630, 42.4583, 21.3738



30.3405, 42.4583, 43.4263



39.3642, 42.4583, 85.3476

Rectangle

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



52.3621, 42.4583, 49.1516



48.6957, 42.4583, 27.3581



30.3405, 42.4583, 43.4263



33.0262, 42.4583, 72.2412

Sweetspot

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



52.3633, 42.4603, 49.1525



84.9870, 83.8114, 93.4070



49.4006, 40.2302, 80.7633



17.9096, 17.4896, 19.5518



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.



52.3633, 42.4603, 49.1525



60.8977, 46.0418, 53.2876



51.1711, 44.4827, 35.1696



14.5994, 14.4569, 16.0908



19.4861, 9.9287, 6.1888



1.4838, 0.7512, 0.6884

Inverse Universe

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



52.3633, 42.4603, 49.1525



60.8977, 46.0418, 53.2876



53.2206, 64.4157, 85.2302



14.5994, 14.4569, 16.0908



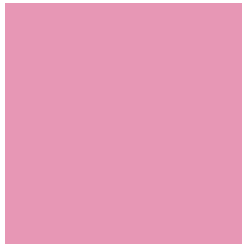
19.4861, 9.9287, 6.1888



1.4838, 0.7512, 0.6884

Previews

White Background



This preview shows how the XYZ color 52.3621, 42.4583, 49.1516 looks on a white background.

Color Contrast Check

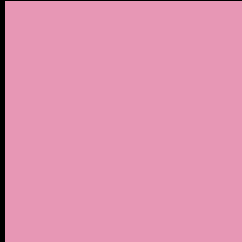
Large Text (above 18pt) WCAG AA × Fail

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 52.3621, 42.4583, 49.1516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

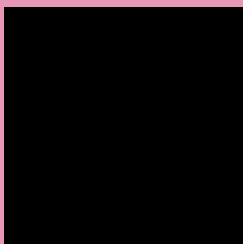
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3621, 42.4583, 49.1516

Background



This preview shows how black text looks on a background with the XYZ color 52.3621, 42.4583, 49.1516.



This preview shows how white text looks on a background with the XYZ color 52.3621, 42.4583,

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

52.3621, 42.4583, 49.1516

Protanopia

41.8072, 42.5979, 57.6485

Deuteranopia

43.4591, 42.5374, 48.0395



Tritanopia

50.6602, 42.4858, 41.1278

Trichromacy



Original Color

52.3621, 42.4583, 49.1516



Protanomaly

44.7417, 41.9654, 54.4572



Deuteranomaly

46.2339, 42.0745, 48.3322



Tritanomaly

51.3750, 42.5457, 44.0325

Monochromacy



Original Color

52.3621, 42.4583, 49.1516



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.1653, 43.1303, 48.5923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3621, 42.4583, 49.1516 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(231, 151, 181)` looks like.

```
.text, #text, p{  
    color:rgb(231, 151, 181)  
}
```

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(231, 151, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 151, 181) }
```

Border

The CSS property to change the border of an element to XYZ 52.3621, 42.4583, 49.1516 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(231, 151, 181) }
```


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

```
.border{ border-color:rgb(231, 151, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 151, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 151, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 151, 181);  
box-shadow:4px 4px 4px 4px rgb(231, 151,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3621, 42.4583, 49.1516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 151, 181) }
```

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

```
.background{ background-color: rgb(231,  
151, 181) }
```

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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