

Converting Colors

XYZ(52.2488, 41.6280, 61.5422)

Have a look what the booklet for
XYZ(52.2488, 41.6280, 61.5422)
contains.

XYZ(52.2674, 41.6540, 61.7851)	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(52.2674, 41.6540,
61.7851)**

Conversions

Conversions Part 1

Format	Color
Hex	E095CB
RGB	224, 149, 203
RGB Percent	88%, 58%, 80%
CMY	0.1216, 0.4157, 0.2039
CMYK	0.00, 0.33, 0.09, 0.12
HSL	317°, 55%, 73%
HSV	317°, 33%, 88%
XYZ	52.2674, 41.6540, 61.7851
YIQ	177.5810, 27.3660, 32.6940

Conversions

Conversions Part 2

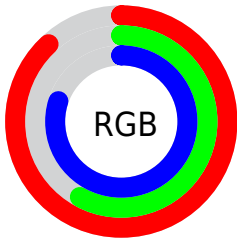
Format	Color
R _Y B	224, 149, 203
Decimal	14718411
CIE Lab	70.63, 36.23, -16.21
CIE LCh	71, 39.689, 335.888
Yxy	41.6540, 0.3357, 0.2675
Android (android.graphics.Color)	4292908491 (0xFFE095CB)
YUV	177.5810, 12.5316, 40.7095
Hunter-Lab	64.5399, 31.6127, -11.5813

Details

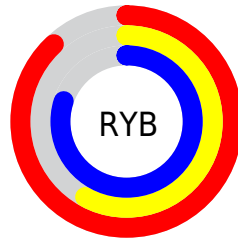
The XYZ color **52.2674, 41.6540, 61.7851** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.3076, 62.6044, 47.6762**, and the grayscale version is **42.0227, 44.2111, 48.1459**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **25.8480, 19.0441, 30.7473** is the 20% darker color. If you saturate the color by 10%, you get **48.3262, 34.9432, 56.8579**, and if you desaturate by 10%, it is **56.9229, 49.7437, 67.1005**.

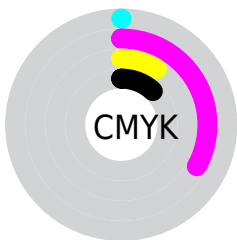
Distribution



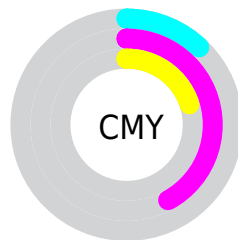
- Red (88%)
- Green (58%)
- Blue (80%)



- Red (88%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (33%)
- Yellow (9%)
- Black (12%)





- Cyan (12%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2674, 41.6540, 61.7851 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 52.2674, 41.6540, 61.7851 by changing the saturation by 10% instead.


 52.2674, 41.6540,
61.7851

 52.2674, 41.6540,
61.7851

385.7751,
353.0466, 449.1328

 37.4434, 28.8305,
44.4244


 92.6974, 77.6757,
108.9835

 25.7262, 18.9526,
30.6647


 119.0340,
101.6426, 139.6582

 16.7505, 11.6360,
20.0873

149.9390,
130.0929, 175.6081

 10.1510, 6.4964,
12.2738

185.7775,
163.4107, 217.2516

 5.5622, 3.1492,
6.8056

226.9151,
201.9806, 265.0072

 2.6189, 1.2101,
3.2643

273.7169,

 0.9556, 0.0699,

246.1870, 319.2936

1.2311

326.5485,
296.4142, 380.5293

■ 0.0000, 0.0000,
0.0043

■ 0.0000, 0.0000,
0.0000

■ 52.2674, 41.6540,
61.7851

■ 52.2674, 41.6540,
61.7851

■ 48.3262, 34.9432,
56.8579

■ 56.9229, 49.7437,
67.1005

■ 45.0560, 29.5271,
52.3015

■ 62.3253, 59.2789,
72.8153

■ 42.4144, 25.3211,
48.1003

■ 68.5098, 70.3288,
78.9435

■ 40.3526, 22.2280,
44.2363

■ 75.5082, 82.9563,
85.4972

■ 38.8142, 20.1356,
40.6888

■ 81.4043, 93.3289,
91.8394

■ 37.7310, 18.9080,
37.4333

■ 82.3235, 93.6966,
96.6802

■ 37.1982, 18.4304,
35.4431

■ 83.2751, 94.0772,
101.6909

■ 84.2592, 94.4708,
106.8730

■ 84.5508, 94.5874,
108.4086

Harmonies

Analogous

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



47.4618, 41.6540, 81.4029



52.2674, 41.6540, 61.7851



53.5227, 41.6540, 41.7454

Triad

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



52.2674, 41.6540, 61.7851



38.3099, 41.6540, 18.0589



30.2188, 41.6540, 70.0205

Complementary

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



52.2674, 41.6540, 61.7851



46.3076, 62.6044, 47.6762

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.



28.3143, 41.6540, 49.1650



52.2674, 41.6540, 61.7851



32.6421, 41.6540, 21.9164

Square

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



52.2674, 41.6540, 61.7851



44.9752, 41.6540, 19.7109



29.1500, 41.6540, 32.1297



34.6544, 41.6540, 87.0044

Rectangle

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



52.2674, 41.6540, 61.7851



52.0686, 41.6540, 31.3292



29.1500, 41.6540, 32.1297



29.2851, 41.6540, 63.0418

Sweetspot

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



52.2687, 41.6559, 61.7860



86.3193, 84.3443, 100.4233



40.5661, 35.3140, 75.1999



18.2320, 17.6185, 21.2496



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.



52.2687, 41.6559, 61.7860



66.4189, 49.5575, 78.3320



48.4184, 40.1158, 41.5106



14.1228, 13.8667, 16.4166



21.7032, 10.7483, 20.9005



1.5419, 0.7600, 1.6465

Inverse Universe

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



52.2687, 41.6559, 61.7860



66.4189, 49.5575, 78.3320



50.2530, 64.1826, 68.4526



14.1228, 13.8667, 16.4166



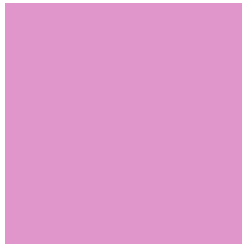
21.7032, 10.7483, 20.9005



1.5419, 0.7600, 1.6465

Previews

White Background



This preview shows how the XYZ color 52.2674, 41.6540, 61.7851 looks on a white background.

Color Contrast Check

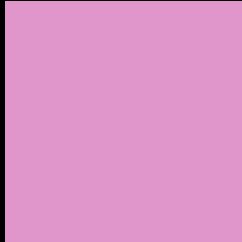
Large Text (above 18pt) WCAG AA × Fail

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 52.2674, 41.6540, 61.7851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

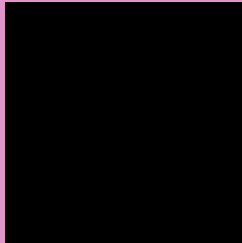
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2674, 41.6540, 61.7851

Background



This preview shows how black text looks on a background with the XYZ color 52.2674, 41.6540, 61.7851.



This preview shows how white text looks on a background with the XYZ color 52.2674, 41.6540,

61.7851.

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

52.2674, 41.6540, 61.7851

Protanopia

42.1181, 41.8692, 72.1914

Deuteranopia

42.6282, 41.8466, 59.8633



Tritanopia

48.4716, 41.8197, 42.5631

Trichromacy



Original Color

52.2674, 41.6540, 61.7851



Protanomaly

45.1150, 41.3128, 68.5471



Deuteranomaly

45.5938, 41.4801, 60.2470



Tritanomaly

49.5505, 41.4908, 49.1130

Monochromacy



Original Color

52.2674, 41.6540, 61.7851



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.2940, 42.8274, 52.8930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2674, 41.6540, 61.7851 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(224, 149, 203)` looks like.

```
.text, #text, p{  
    color:rgb(224, 149, 203)  
}
```

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(224, 149, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 149, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.2674, 41.6540, 61.7851 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(224, 149, 203) }
```


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

```
.border{ border-color:rgb(224, 149, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 149, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 149, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 149, 203);  
box-shadow:4px 4px 4px 4px rgb(224, 149,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2674, 41.6540, 61.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 149, 203) }
```

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

```
.background{ background-color: rgb(224,  
149, 203) }
```

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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