

Converting Colors

XYZ(53.0452, 42.9273, 47.0074)

Have a look what the booklet for
XYZ(53.0452, 42.9273, 47.0074)
contains.

XYZ(52.9341, 42.8000, 47.0663)	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(52.9341, 42.8000,
47.0663)**

Conversions

Conversions Part 1

Format	Color
Hex	EA97B1
RGB	234, 151, 177
RGB Percent	92%, 59%, 69%
CMY	0.0824, 0.4078, 0.3059
CMYK	0.00, 0.35, 0.24, 0.08
HSL	341°, 66%, 75%
HSV	341°, 35%, 92%
XYZ	52.9341, 42.8000, 47.0663
YIQ	178.7810, 41.1220, 25.6820

Conversions

Conversions Part 2

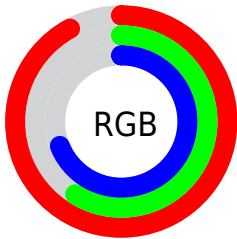
Format	Color
R_{YB}	234, 151, 177
Decimal	15374257
CIE Lab	71.42, 34.57, -0.50
CIE LCh	71, 34.570, 359.173
Yxy	42.8000, 0.3707, 0.2997
Android (android.graphics.Color)	4293564337 (0xFFEA97B1)
YUV	178.7810, -0.8780, 48.4271
Hunter-Lab	65.4217, 29.9402, 3.1402

Details

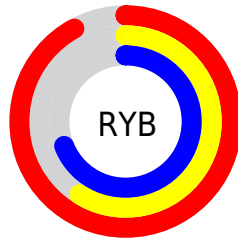
The XYZ color **52.9341, 42.8000, 47.0663** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.5724, 69.9800, 70.3619**, and the grayscale version is **42.7215, 44.9463, 48.9465**.

A 20% lighter version of the original color is **78.0193, 71.2858, 86.7383**, and **26.2950, 19.7515, 21.8286** is the 20% darker color. If you saturate the color by 10%, you get **48.0265, 35.3990, 37.9874**, and if you desaturate by 10%, it is **58.7801, 51.7752, 57.3897**.

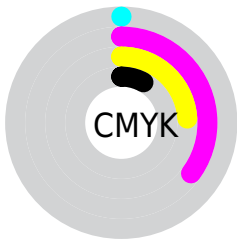
Distribution



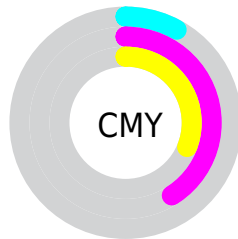
- Red (92%)
- Green (59%)
- Blue (69%)



- Red (92%)
- Yellow (59%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (8%)





- Cyan (8%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9341, 42.8000, 47.0663 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 52.9341, 42.8000, 47.0663 by changing the saturation by 10% instead.


 52.9341, 42.8000,
47.0663


 52.9341, 42.8000,
47.0663


388.2972,
357.7886, 391.4805

 37.9774, 29.7282,
32.7333


 93.6735, 79.4090,
87.1636

 26.1423, 19.6324,
21.6528

 120.1869,
103.7149, 113.7650

 17.0634, 12.1281,
13.4061


151.2833,
132.5344, 145.2930

 10.3753, 6.8310,
7.5748

187.3280,
166.2519, 182.1661

 5.7126, 3.3566,
3.7403

228.6864,
205.2516, 224.8029

 2.7101, 1.3206,
1.4840

275.7239,

 1.0024, 0.1571,

249.9180, 273.6219

0.2059

328.8057,
300.6356, 329.0416

■ 0.0000, 0.0000,
0.0000

■ 52.9341, 42.8000,
47.0663

■ 52.9341, 42.8000,
47.0663

■ 48.0265, 35.3990,
37.9874

■ 58.7801, 51.7752,
57.3897

■ 44.0029, 29.4746,
30.1012

■ 65.6079, 62.4026,
69.0013

■ 40.8082, 24.9279,
23.3560

■ 73.4625, 74.7622,
81.9456

■ 38.3798, 21.6449,
17.6947

■ 82.3849, 88.9272,
96.2644

■ 36.6452, 19.4934,
13.0543

■ 87.7418, 96.2325,
108.5580

■ 35.5163, 18.3106,
9.3639

■ 35.1441, 17.9774,
7.9719

Harmonies

Analogous

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



51.0723, 42.8000, 65.0415



52.9341, 42.8000, 47.0663



51.2606, 42.8000, 32.6536

Triad

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



52.9341, 42.8000, 47.0663



35.4627, 42.8000, 23.8360



35.2079, 42.8000, 79.9176

Complementary

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



52.9341, 42.8000, 47.0663



53.5724, 69.9800, 70.3619

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.



31.6659, 42.8000, 64.0454



52.9341, 42.8000, 47.0663



31.8029, 42.8000, 32.0253

Square

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



52.9341, 42.8000, 47.0663



40.8419, 42.8000, 21.3300



30.4802, 42.8000, 46.1406



40.5187, 42.8000, 86.5807

Rectangle

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



52.9341, 42.8000, 47.0663



48.4481, 42.8000, 26.3052



30.4802, 42.8000, 46.1406



33.7903, 42.8000, 75.3211

Sweetspot

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



52.9353, 42.8020, 47.0672



83.7973, 82.2116, 90.6075



51.8524, 41.4449, 83.1089



17.6625, 17.1667, 18.9411



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.



52.9353, 42.8020, 47.0672



59.6260, 44.9008, 48.5408



53.1948, 47.0802, 35.5645



15.2598, 15.1318, 16.6534



19.7990, 10.1223, 4.7430



1.5967, 0.8116, 0.5935

Inverse Universe

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



52.9353, 42.8020, 47.0672



59.6260, 44.9008, 48.5408



52.8903, 63.0712, 87.2285



15.2598, 15.1318, 16.6534



19.7990, 10.1223, 4.7430



1.5967, 0.8116, 0.5935

Previews

White Background



This preview shows how the XYZ color 52.9341, 42.8000, 47.0663 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 52.9341, 42.8000, 47.0663 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 52.9341, 42.8000, 47.0663

Background



This preview shows how black text looks on a background with the XYZ color 52.9341, 42.8000, 47.0663.



This preview shows how white text looks on a background with the XYZ color 52.9341, 42.8000,

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

52.9341, 42.8000, 47.0663

Protanopia

41.9956, 43.0324, 55.3829

Deuteranopia

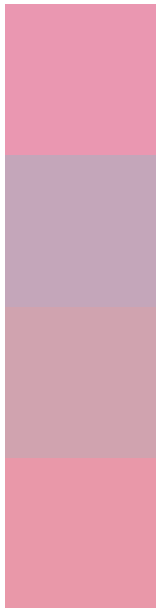
44.0070, 43.1429, 46.0524



Tritanopia

51.7870, 42.8227, 41.1334

Trichromacy



Original Color

52.9341, 42.8000, 47.0663

Protanomaly

45.2641, 42.5534, 52.2823

Deuteranomaly

46.8475, 42.6994, 46.3301

Tritanomaly

51.9939, 42.6447, 43.0270

Monochromacy



Original Color

52.9341, 42.8000, 47.0663

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.7770, 43.7324, 48.1480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9341, 42.8000, 47.0663 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(234, 151, 177)` looks like.

```
.text, #text, p{  
    color:rgb(234, 151, 177)  
}
```

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(234, 151, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 151, 177) }
```

Border

The CSS property to change the border of an element to XYZ 52.9341, 42.8000, 47.0663 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(234, 151, 177) }
```


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

```
.border{ border-color:rgb(234, 151, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 151, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 151, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 151, 177);  
box-shadow:4px 4px 4px 4px rgb(234, 151,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9341, 42.8000, 47.0663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 151, 177) }
```

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

```
.background{ background-color: rgb(234,  
151, 177) }
```

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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