

Converting Colors

XYZ(41.0831, 27.8272, 42.1733)

Have a look what the booklet for
XYZ(41.0831, 27.8272, 42.1733)
contains.

XYZ(41.1132, 27.8334, 42.2352)	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(41.1132, 27.8334,
42.2352)**

Conversions

Conversions Part 1

Format	Color
Hex	D969AC
RGB	217, 105, 172
RGB Percent	85%, 41%, 67%
CMY	0.1490, 0.5882, 0.3255
CMYK	0.00, 0.52, 0.21, 0.15
HSL	324°, 60%, 63%
HSV	324°, 52%, 85%
XYZ	41.1132, 27.8334, 42.2352
YIQ	146.1260, 45.2450, 44.5810

Conversions

Conversions Part 2

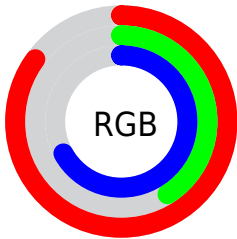
Format	Color
R_{YB}	217, 105, 172
Decimal	14248364
CIE _{Lab}	59.74, 51.68, -15.28
CIE _{LCh}	60, 53.893, 343.533
Yxy	27.8334, 0.3698, 0.2503
Android (android.graphics.Color)	4292438444 (0xFFD969AC)
YUV	146.1260, 12.7559, 62.1565
Hunter-Lab	52.7574, 46.7776, -10.5348

Details

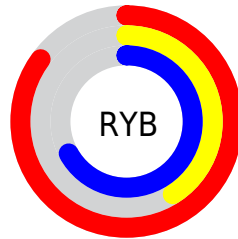
The XYZ color **41.1132, 27.8334, 42.2352** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.1449, 54.8317, 37.5352**, and the grayscale version is **27.3105, 28.7328, 31.2900**.

A 20% lighter version of the original color is **67.6759, 51.9477, 79.1330**, and **18.8721, 11.0946, 18.9161** is the 20% darker color. If you saturate the color by 10%, you get **38.3682, 23.6397, 37.3234**, and if you desaturate by 10%, it is **44.4786, 33.1794, 47.6255**.

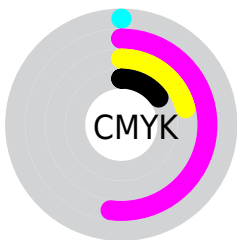
Distribution



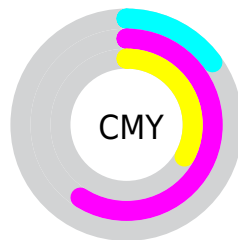
- Red (85%)
- Green (41%)
- Blue (67%)



- Red (85%)
- Yellow (41%)
- Blue (67%)



- Cyan (0%)
- Magenta (52%)
- Yellow (21%)
- Black (15%)





- Cyan (15%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1132, 27.8334, 42.2352 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 41.1132, 27.8334, 42.2352 by changing the saturation by 10% instead.


 41.1132, 27.8334,
42.2352

 41.1132, 27.8334,
42.2352

341.8480,
291.6700, 371.2854


 28.5956, 18.2001,
28.9586


 76.1293, 56.2183,
79.8294

 18.9179, 11.0938,
18.8042


 99.3586, 75.7388,
104.9840

 11.7146, 6.1299,
11.3535


 126.8891, 99.3238,
134.9351

 6.6205, 2.9242,
6.1880

 159.0862,
127.3576, 170.1011

 3.2701, 1.0923,
2.8891

196.3153,
160.2248, 210.9006

 1.2982, 0.0000,
1.0383

238.9417,

 0.1818, 0.0000,

198.3096, 257.7521

0.0000

287.3309,
241.9966, 311.0742

■ 0.0000, 0.0000,
0.0000

■ 41.1132, 27.8334,
42.2352

■ 41.1132, 27.8334,
42.2352

■ 38.3682, 23.6397,
37.3234

■ 44.4786, 33.1794,
47.6255

■ 36.1964, 20.5062,
32.8683

■ 48.5022, 39.7525,
53.5110

■ 34.5471, 18.3335,
28.8481

■ 53.2213, 47.6256,
59.9094

■ 33.3593, 17.0008,
25.2368

■ 58.6700, 56.8650,
66.8367

■ 32.6318, 16.3583,
22.4894

■ 64.8797, 67.5324,
74.3081

■ 71.8802, 79.6856,
82.3380

■ 79.0883, 92.1570,
90.7365

■ 80.3655, 92.6678,
97.4617

■ 81.7050, 93.2036,
104.5157

Harmonies

Analogous

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



36.5438, 27.8334, 66.4601



41.1132, 27.8334, 42.2352



41.3467, 27.8334, 22.3463

Triad

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



41.1132, 27.8334, 42.2352



23.5059, 27.8334, 6.5052



18.0477, 27.8334, 64.1927

Complementary

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



41.1132, 27.8334, 42.2352



36.1449, 54.8317, 37.5352

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.



15.6519, 27.8334, 39.9613



41.1132, 27.8334, 42.2352



18.4179, 27.8334, 10.4303

Square

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



41.1132, 27.8334, 42.2352



30.3453, 27.8334, 6.6852



15.7746, 27.8334, 20.8652



22.9120, 27.8334, 82.4095

Rectangle

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



41.1132, 27.8334, 42.2352



38.9479, 27.8334, 13.9445



15.7746, 27.8334, 20.8652



16.9675, 27.8334, 56.1184

Sweetspot

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



41.1140, 27.8348, 42.2357



81.6619, 77.0263, 92.7145



30.1182, 21.5796, 68.2238



17.1195, 15.8769, 19.3887



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.



41.1140, 27.8348, 42.2357



54.9618, 33.5734, 53.1481



36.8319, 26.1219, 19.6865



13.3814, 13.1816, 15.2695



19.8070, 9.9238, 13.8957



1.3254, 0.6598, 1.1224

Inverse Universe

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



41.1140, 27.8348, 42.2357



54.9618, 33.5734, 53.1481



41.7558, 57.0761, 67.0819



13.3814, 13.1816, 15.2695



19.8070, 9.9238, 13.8957



1.3254, 0.6598, 1.1224

Previews

White Background



This preview shows how the XYZ color 41.1132, 27.8334, 42.2352 looks on a white background.

Color Contrast Check

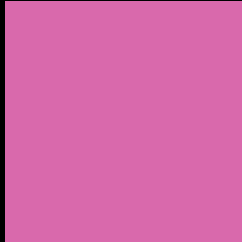
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1132, 27.8334, 42.2352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

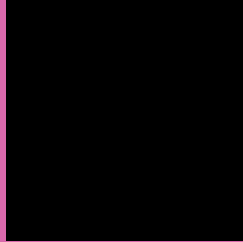
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.1132, 27.8334, 42.2352

Background



This preview shows how black text looks on a background with the XYZ color 41.1132, 27.8334, 42.2352.



This preview shows how white text looks on a background with the XYZ color 41.1132, 27.8334,

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

41.1132, 27.8334, 42.2352

Protanopia

28.8839, 28.0587, 57.9264

Deuteranopia

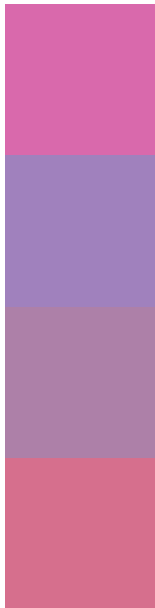
28.6206, 28.0988, 39.9915



Tritanopia

36.9202, 27.7138, 22.4722

Trichromacy



Original Color

41.1132, 27.8334, 42.2352

Protanomaly

31.5328, 26.8482, 51.6644

Deuteranomaly

32.0206, 27.1497, 40.5985

Tritanomaly

38.2237, 27.5881, 28.5097

Monochromacy



Original Color

41.1132, 27.8334, 42.2352

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

31.0460, 27.3698, 34.6569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1132, 27.8334, 42.2352 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(217, 105, 172)` looks like.

```
.text, #text, p{  
    color:rgb(217, 105, 172)  
}
```

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(217, 105, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 105, 172) }
```

Border

The CSS property to change the border of an element to XYZ 41.1132, 27.8334, 42.2352 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(217, 105, 172) }
```


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

```
.border{ border-color:rgb(217, 105, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 105, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 105, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 105, 172);  
box-shadow:4px 4px 4px 4px rgb(217, 105,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1132, 27.8334, 42.2352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 105, 172) }
```

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

```
.background{ background-color: rgb(217,  
105, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor