

Converting Colors

XYZ(47.0965, 32.8912, 43.2013)

Have a look what the booklet for
XYZ(47.0965, 32.8912, 43.2013)
contains.

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Color

**XYZ(47.1828, 32.8955,
43.3978)**

Conversions

Conversions Part 1

Format	Color
Hex	E875AD
RGB	232, 117, 173
RGB Percent	91%, 46%, 68%
CMY	0.0902, 0.5412, 0.3216
CMYK	0.00, 0.50, 0.25, 0.09
HSL	331°, 71%, 68%
HSV	331°, 50%, 91%
XYZ	47.1828, 32.8955, 43.3978
YIQ	157.7690, 50.5640, 41.7960

Conversions

Conversions Part 2

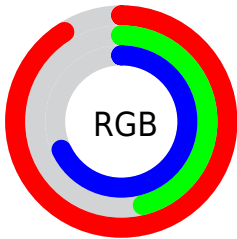
Format	Color
RYB	232, 117, 173
Decimal	15234477
CIELab	64.08, 50.74, -9.12
CIElCh	64, 51.557, 349.807
Yxy	32.8955, 0.3821, 0.2664
Android (android.graphics.Color)	4293424557 (0xFFE875AD)
YUV	157.7690, 7.5089, 65.1006
Hunter-Lab	57.3546, 46.4726, -4.7140

Details

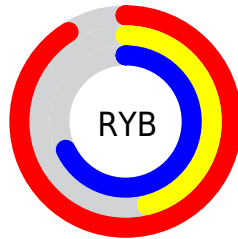
The XYZ color **47.1828, 32.8955, 43.3978** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.0308, 64.6306, 51.2318**, and the grayscale version is **32.3468, 34.0314, 37.0602**.

A 20% lighter version of the original color is **69.9961, 56.3665, 80.5894**, and **22.6843, 13.9342, 19.5831** is the 20% darker color. If you saturate the color by 10%, you get **43.7060, 27.7035, 36.8071**, and if you desaturate by 10%, it is **51.4339, 39.4712, 50.7536**.

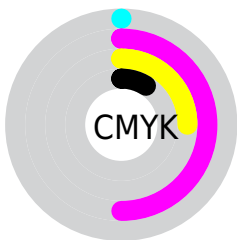
Distribution



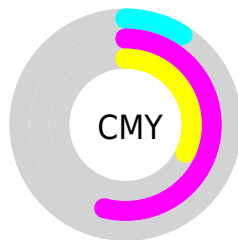
- Red (91%)
- Green (46%)
- Blue (68%)



- Red (91%)
- Yellow (46%)
- Blue (68%)



- Cyan (0%)
- Magenta (50%)
- Yellow (25%)
- Black (9%)




- Cyan (9%)
- Magenta (54%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1828, 32.8955, 43.3978 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 47.1828, 32.8955, 43.3978 by changing the saturation by 10% instead.


 47.1828, 32.8955,
43.3978


 47.1828, 32.8955,
43.3978


366.1805,
315.1786, 376.2143


 33.3887, 22.0464,
29.8636


 85.2035, 64.2123,
81.6036

 22.5851, 13.8910,
19.4839


 110.1609, 85.4489,
107.1123

 14.4064, 8.0449,
11.8401


 139.5700,
110.9167, 137.4497

 8.4875, 4.1237,
6.5137

173.7964,
141.0002, 173.0341

 4.4628, 1.7430,
3.0861

213.2052,
176.0837, 214.2843

 1.9672, 0.4513,
1.1388

258.1619,

 0.6154, 0.0000,

216.5517, 261.6187

0.0000

309.0319,
262.7885, 315.4559

■ 0.0000, 0.0000,
0.0000

■ 47.1828, 32.8955,
43.3978

■ 47.1828, 32.8955,
43.3978

■ 43.7060, 27.7035,
36.8071

■ 51.4339, 39.4712,
50.7536

■ 40.9474, 23.7886,
30.9487

■ 56.5043, 47.5173,
58.9011

■ 38.8479, 21.0360,
25.7894

■ 62.4386, 57.1189,
67.8679


■ 37.3362, 19.3083,
21.2912


■ 69.2774, 68.3535,
77.6791

■ 36.2977, 18.3809,
17.4010

■ 77.0586, 81.2931,
88.3590

 36.2577, 18.3474,
17.2439

 85.4318, 95.2330,
99.8017

 87.0888, 95.8959,
108.5274

Harmonies

Analogous

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



43.2366, 32.8955, 68.4558



47.1828, 32.8955, 43.3978



46.3876, 32.8955, 23.8683

Triad

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



47.1828, 32.8955, 43.3978



26.7547, 32.8955, 9.7757



23.0677, 32.8955, 76.0446

Complementary

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



47.1828, 32.8955, 43.3978



44.0308, 64.6306, 51.2318

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.



19.8499, 32.8955, 51.2081



47.1828, 32.8955, 43.3978



21.7382, 32.8955, 15.6612

Square

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



47.1828, 32.8955, 43.3978



33.8116, 32.8955, 9.0614



19.4043, 32.8955, 29.1759



28.8518, 32.8955, 91.6046

Rectangle

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



47.1828, 32.8955, 43.3978



43.3118, 32.8955, 15.7805



19.4043, 32.8955, 29.1759



21.6907, 32.8955, 68.1382

Sweetspot

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



47.1838, 32.8971, 43.3984



81.0381, 76.7768, 89.4300



38.4955, 27.6069, 79.6439



16.9693, 15.8168, 18.5978



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.



47.1838, 32.8971, 43.3984



54.2626, 34.4784, 45.8140



42.8521, 31.1645, 20.5884



14.6680, 14.4844, 16.4519



20.1920, 10.2110, 9.9058



1.5389, 0.7733, 0.9785

Inverse Universe

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



47.1838, 32.8971, 43.3984



54.2626, 34.4784, 45.8140



50.7592, 67.3220, 86.6633



14.6680, 14.4844, 16.4519



20.1920, 10.2110, 9.9058



1.5389, 0.7733, 0.9785

Previews

White Background



This preview shows how the XYZ color 47.1828, 32.8955, 43.3978 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 47.1828, 32.8955, 43.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

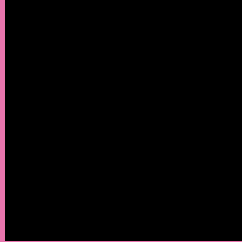
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1828, 32.8955, 43.3978

Background



This preview shows how black text looks on a background with the XYZ color 47.1828, 32.8955, 43.3978.



This preview shows how white text looks on a background with the XYZ color 47.1828, 32.8955,

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

47.1828, 32.8955, 43.3978

Protanopia

33.4257, 33.2082, 58.0742

Deuteranopia

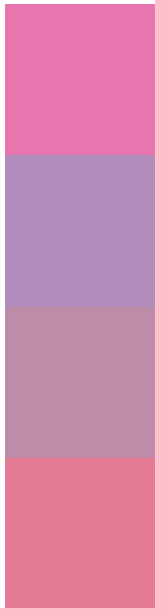
33.7675, 33.0302, 41.1549



Tritanopia

43.6316, 32.8824, 26.6016

Trichromacy



Original Color

47.1828, 32.8955, 43.3978

Protanomaly

36.8416, 32.0710, 52.3927

Deuteranomaly

37.6293, 32.2770, 41.7829

Tritanomaly

44.6179, 32.7152, 31.9800

Monochromacy



Original Color

47.1828, 32.8955, 43.3978

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

36.4409, 32.6036, 39.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1828, 32.8955, 43.3978 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(232, 117, 173)` looks like.

```
.text, #text, p{  
    color:rgb(232, 117, 173)  
}
```

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(232, 117, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 117, 173) }
```

Border

The CSS property to change the border of an element to XYZ 47.1828, 32.8955, 43.3978 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(232, 117, 173) }
```


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

```
.border{ border-color:rgb(232, 117, 173) }
```

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

Here you see how a box with a 4 pixel rgb(232, 117, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 117, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 117, 173);  
box-shadow:4px 4px 4px 4px rgb(232, 117,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1828, 32.8955, 43.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 117, 173) }
```

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

```
.background{ background-color: rgb(232,  
117, 173) }
```

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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