

Converting Colors

XYZ(39.9901, 28.9819, 22.8648)

Have a look what the booklet for
XYZ(39.9901, 28.9819, 22.8648)
contains.

XYZ(40.0382, 28.9789, 22.8853)	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(40.0382, 28.9789,
22.8853)**

Conversions

Conversions Part 1

Format	Color
Hex	DF717D
RGB	223, 113, 125
RGB Percent	87%, 44%, 49%
CMY	0.1255, 0.5568, 0.5098
CMYK	0.00, 0.49, 0.44, 0.13
HSL	353°, 63%, 66%
HSV	353°, 49%, 87%
XYZ	40.0382, 28.9789, 22.8853
YIQ	147.2580, 61.7080, 27.0520

Conversions

Conversions Part 2

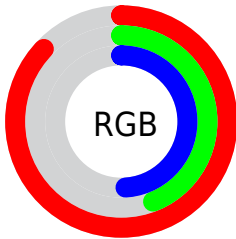
Format	Color
RYB	223, 113, 125
Decimal	14643581
CIELab	60.76, 43.94, 13.44
CIElCh	61, 45.947, 17.004
Yxy	28.9789, 0.4357, 0.3153
Android (android.graphics.Color)	4292833661 (0xFFDF717D)
YUV	147.2580, -10.9732, 66.4257
Hunter-Lab	53.8321, 38.5553, 12.4768

Details

The XYZ color **40.0382, 28.9789, 22.8853** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.9571, 60.9898, 71.0344**, and the grayscale version is **27.8669, 29.3182, 31.9275**.

A 20% lighter version of the original color is **62.9945, 52.0718, 48.3257**, and **18.2831, 11.7518, 8.1422** is the 20% darker color. If you saturate the color by 10%, you get **36.7040, 24.1427, 16.1259**, and if you desaturate by 10%, it is **44.2389, 35.1419, 31.1866**.

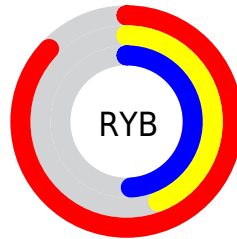
Distribution



Red (87%)

Green (44%)

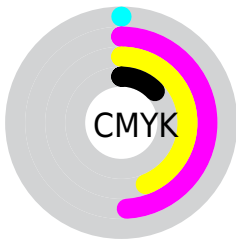
Blue (49%)



Red (87%)

Yellow (44%)

Blue (49%)

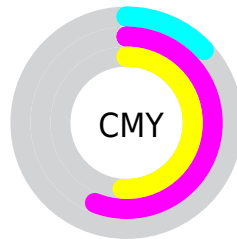


Cyan (0%)

Magenta (49%)

Yellow (44%)

Black (13%)



Cyan (13%)


Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0382, 28.9789, 22.8853 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 40.0382, 28.9789, 22.8853 by changing the saturation by 10% instead.


 40.0382, 28.9789,
22.8853


 40.0382, 28.9789,
22.8853


337.4162,
297.1154, 280.2381

 27.7527, 19.0649,
14.3043


 74.5056, 58.0436,
49.1257

 18.2788, 11.7172,
8.1915


 97.4183, 77.9630,
67.6223

 11.2512, 6.5514,
4.1282


 124.6040,
101.9863, 90.2611

 6.3046, 3.1832,
1.6959

156.4281,
130.4979, 117.4607

 3.0736, 1.2281,
0.3579

193.2561,
163.8822, 149.6397

 1.1928, 0.0845,
0.0000

235.4532,

 0.1007, 0.0000,

202.5237, 187.2165

0.0000

283.3848,
246.8066, 230.6098

■ 0.0000, 0.0000,
0.0000

■ 40.0382, 28.9789,
22.8853

■ 40.0382, 28.9789,
22.8853

■ 36.7040, 24.1427,
16.1259

■ 44.2389, 35.1419,
31.1866

■ 34.1734, 20.5316,
10.8114

■ 49.3589, 42.7148,
41.1154

■ 32.3782, 18.0365,
6.8363


■ 55.4492, 51.7790,
52.7529


■ 31.2379, 16.5268,
4.0798


■ 62.5564, 62.4085,
66.1743

■ 30.6304, 15.7937,
2.3915

■ 70.7244, 74.6724,
81.4503

 30.5995, 15.7552,
2.3098

 79.9941, 88.6357,
98.6480

 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



40.3054, 28.9789, 39.5350



40.0382, 28.9789, 22.8853



36.1330, 28.9789, 13.1039

Triad

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



40.0382, 28.9789, 22.8853



19.9745, 28.9789, 14.0297



25.0430, 28.9789, 75.6270

Complementary

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



40.0382, 28.9789, 22.8853



44.9571, 60.9898, 71.0344

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.



20.4362, 28.9789, 62.2086



40.0382, 28.9789, 22.8853



17.8075, 28.9789, 24.7251

Square

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



40.0382, 28.9789, 22.8853



24.3223, 28.9789, 9.4058



17.9633, 28.9789, 42.1723



31.0374, 28.9789, 74.5664

Rectangle

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



40.0382, 28.9789, 22.8853



32.2738, 28.9789, 9.9398



17.9633, 28.9789, 42.1723



23.2997, 28.9789, 72.5016

Sweetspot

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



40.0389, 28.9804, 22.8858



79.0291, 75.9732, 78.8504



45.8511, 30.8657, 73.3529



16.4895, 15.6249, 16.0712



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.



40.0389, 28.9804, 22.8858



49.6943, 32.6511, 21.7580



45.1621, 40.3799, 21.0386



13.7677, 13.7247, 14.5468



18.0123, 9.2719, 1.4648



1.2692, 0.6510, 0.2105

Inverse Universe

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



40.0389, 28.9804, 22.8858



49.6943, 32.6511, 21.7580



36.6207, 41.8199, 75.9537



13.7677, 13.7247, 14.5468



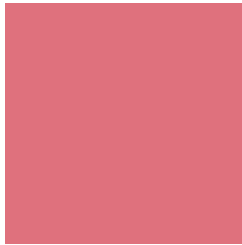
18.0123, 9.2719, 1.4648



1.2692, 0.6510, 0.2105

Previews

White Background



This preview shows how the XYZ color 40.0382, 28.9789, 22.8853 looks on a white background.

Color Contrast Check

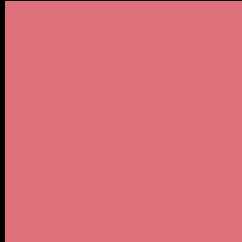
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.0382, 28.9789, 22.8853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

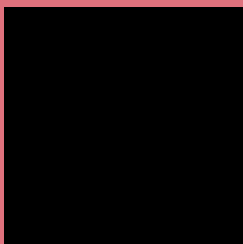
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.0382, 28.9789, 22.8853

Background



This preview shows how black text looks on a background with the XYZ color 40.0382, 28.9789, 22.8853.



This preview shows how white text looks on a background with the XYZ color 40.0382, 28.9789,

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

40.0382, 28.9789, 22.8853

Protanopia

27.9239, 29.0901, 29.7344

Deuteranopia

29.7096, 29.0637, 21.8133



Tritanopia

39.9616, 29.1277, 21.9284

Trichromacy



Original Color

40.0382, 28.9789, 22.8853

Protanomaly

31.1005, 28.1749, 27.0917

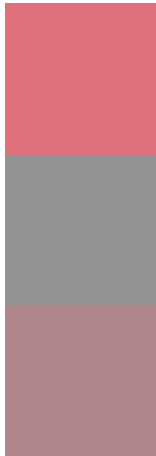
Deuteranomaly

32.8644, 28.5849, 22.1976

Tritanomaly

40.0239, 29.1527, 22.2564

Monochromacy



Original Color

40.0382, 28.9789, 22.8853

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

31.0034, 28.3060, 28.2556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0382, 28.9789, 22.8853 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(223, 113, 125)` looks like.

```
.text, #text, p{  
    color:rgb(223, 113, 125)  
}
```

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(223, 113, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 113, 125) }
```

Border

The CSS property to change the border of an element to XYZ 40.0382, 28.9789, 22.8853 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(223, 113, 125) }
```


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

```
.border{ border-color:rgb(223, 113, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 113, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 113, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 113, 125); box-shadow:4px 4px 4px 4px rgb(223, 113, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0382, 28.9789, 22.8853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 113, 125) }
```

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

```
.background{ background-color: rgb(223,  
113, 125) }
```

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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