

Converting Colors

XYZ(40.4789, 28.7271, 22.7658)

Have a look what the booklet for
XYZ(40.4789, 28.7271, 22.7658)
contains.

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Color

**XYZ(40.3289, 28.6401,
22.8046)**

Conversions

Conversions Part 1

Format	Color
Hex	E16E7D
RGB	225, 110, 125
RGB Percent	88%, 43%, 49%
CMY	0.1176, 0.5686, 0.5098
CMYK	0.00, 0.51, 0.44, 0.12
HSL	352°, 66%, 66%
HSV	352°, 51%, 88%
XYZ	40.3289, 28.6401, 22.8046
YIQ	146.0950, 63.7250, 29.0450

Conversions

Conversions Part 2

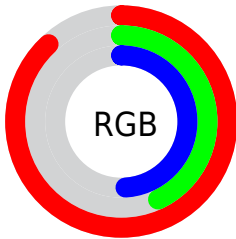
Format	Color
RYB	225, 110, 125
Decimal	14773885
CIELab	60.46, 46.14, 13.06
CIELCh	60, 47.951, 15.804
Yxy	28.6401, 0.4394, 0.3121
Android (android.graphics.Color)	4292963965 (0xFFE16E7D)
YUV	146.0950, -10.3998, 69.1997
Hunter-Lab	53.5164, 40.8602, 12.1967

Details

The XYZ color **40.3289, 28.6401, 22.8046** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.9900, 61.8191, 70.5376**, and the grayscale version is **27.3845, 28.8106, 31.3748**.

A 20% lighter version of the original color is **62.4513, 50.9852, 48.1446**, and **18.4935, 11.5550, 8.0931** is the 20% darker color. If you saturate the color by 10%, you get **37.0728, 23.9352, 16.1480**, and if you desaturate by 10%, it is **44.4489, 34.6789, 30.9644**.

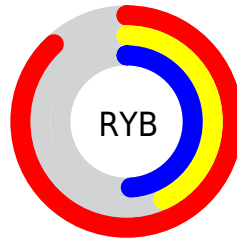
Distribution



Red (88%)

Green (43%)

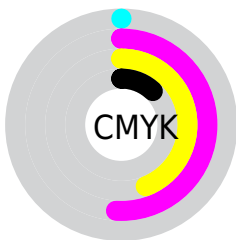
Blue (49%)



Red (88%)

Yellow (43%)

Blue (49%)

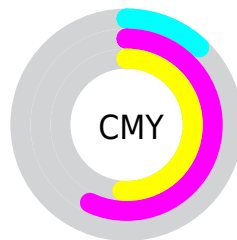


Cyan (0%)

Magenta (51%)

Yellow (44%)

Black (12%)



Cyan (12%)


Magenta (57%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3289, 28.6401, 22.8046 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 40.3289, 28.6401, 22.8046 by changing the saturation by 10% instead.


 40.3289, 28.6401,
22.8046


 40.3289, 28.6401,
22.8046


338.6186,
295.5130, 279.8091


 27.9804, 18.8087,
14.2453


 74.9453, 57.5048,
48.9914


 18.4513, 11.5322,
8.1508


 97.9438, 77.3069,
67.4560

 11.3761, 6.4260,
4.1024


 125.2232,
101.2014, 90.0595

 6.3896, 3.1058,
1.6817

 157.1486,
129.5726, 117.2205

 3.1263, 1.1872,
0.3482

194.0855,
162.8050, 149.3573

 1.2209, 0.0512,
0.0000

236.3993,

 0.1228, 0.0000,

201.2829, 186.8887

0.0000

284.4552,
245.3908, 230.2331

■ 0.0000, 0.0000,
0.0000

■ 40.3289, 28.6401,
22.8046

■ 40.3289, 28.6401,
22.8046

■ 37.0728, 23.9352,
16.1480

■ 44.4489, 34.6789,
30.9644

■ 34.6163, 20.4587,
10.9008

■ 49.4866, 42.1377,
40.7103

■ 32.8896, 18.0966,
6.9606

■ 55.4940, 51.1006,
52.1210

■ 31.8093, 16.7112,
4.2105

■ 62.5183, 61.6438,
65.2695

■ 31.2772, 16.0979,
2.6431

■ 70.6040, 73.8384,
80.2243

■ 79.7926, 87.7513,
97.0505

■ 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



40.4412, 28.6401, 40.2955



40.3289, 28.6401, 22.8046



36.3727, 28.6401, 12.5969

Triad

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



40.3289, 28.6401, 22.8046



19.5607, 28.6401, 12.9695



24.4105, 28.6401, 77.1720

Complementary

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



40.3289, 28.6401, 22.8046



44.9900, 61.8191, 70.5376

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.



19.7505, 28.6401, 62.4955



40.3289, 28.6401, 22.8046



17.2513, 28.6401, 23.5616

Square

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



40.3289, 28.6401, 22.8046



24.1122, 28.6401, 8.5649



17.3150, 28.6401, 41.3998



30.5873, 28.6401, 76.7207

Rectangle

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



40.3289, 28.6401, 22.8046



32.3874, 28.6401, 9.3049



17.3150, 28.6401, 41.3998



22.6365, 28.6401, 73.6586

Sweetspot

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



40.3296, 28.6416, 22.8051



79.1381, 76.0168, 79.4245



45.6510, 30.2425, 74.6652



16.5154, 15.6352, 16.2075



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.



40.3296, 28.6416, 22.8051



49.1185, 31.6188, 21.1983



45.1221, 39.6455, 20.0281



13.7796, 13.7295, 14.6096



18.0473, 9.2859, 1.6487



1.2749, 0.6532, 0.2403

Inverse Universe

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



40.3296, 28.6416, 22.8051



49.1185, 31.6188, 21.1983



36.9215, 42.5509, 77.5010



13.7796, 13.7295, 14.6096



18.0473, 9.2859, 1.6487



1.2749, 0.6532, 0.2403

Previews

White Background



This preview shows how the XYZ color 40.3289, 28.6401, 22.8046 looks on a white background.

Color Contrast Check

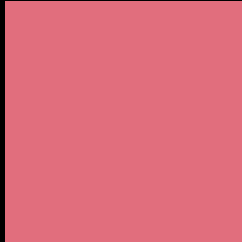
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.3289, 28.6401, 22.8046 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 40.3289, 28.6401, 22.8046

Background



This preview shows how black text looks on a background with the XYZ color 40.3289, 28.6401, 22.8046.



This preview shows how white text looks on a background with the XYZ color 40.3289, 28.6401,

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

40.3289, 28.6401, 22.8046

Protanopia

27.7074, 28.9609, 30.5152

Deuteranopia

29.4926, 28.9519, 21.8031



Tritanopia

40.0656, 28.7083, 20.8823

Trichromacy



Original Color

40.3289, 28.6401, 22.8046

Protanomaly

31.0343, 27.9283, 27.4219

Deuteranomaly

32.7307, 28.3176, 22.1531

Tritanomaly

40.1870, 28.7569, 21.5217

Monochromacy



Original Color

40.3289, 28.6401, 22.8046

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

30.6542, 27.7240, 27.7804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3289, 28.6401, 22.8046 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(225, 110, 125)` looks like.

```
.text, #text, p{  
    color:rgb(225, 110, 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(225, 110, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 110, 125) }
```

Border

The CSS property to change the border of an element to XYZ 40.3289, 28.6401, 22.8046 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(225, 110, 125) }
```


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

```
.border{ border-color:rgb(225, 110, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 110, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 110, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 110, 125);  
box-shadow:4px 4px 4px 4px rgb(225, 110,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3289, 28.6401, 22.8046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 110, 125) }
```

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

```
.background{ background-color: rgb(225,  
110, 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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