

Converting Colors

XYZ(41.5912, 28.9505, 28.4726)

Have a look what the booklet for
XYZ(41.5912, 28.9505, 28.4726)
contains.

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Color

**XYZ(41.6404, 29.0291,
28.6078)**

Conversions

Conversions Part 1

Format	Color
Hex	E26D8D
RGB	226, 109, 141
RGB Percent	89%, 43%, 55%
CMY	0.1137, 0.5725, 0.4471
CMYK	0.00, 0.52, 0.38, 0.11
HSL	344°, 67%, 66%
HSV	344°, 52%, 89%
XYZ	41.6404, 29.0291, 28.6078
YIQ	147.6310, 59.4600, 34.7560

Conversions

Conversions Part 2

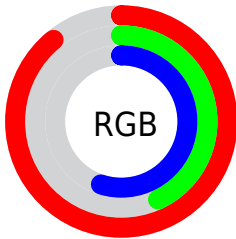
Format	Color
R _Y B	226, 109, 141
Decimal	14839181
CIE Lab	60.81, 48.68, 4.33
CIE LCh	61, 48.874, 5.082
Yxy	29.0291, 0.4194, 0.2924
Android (android.graphics.Color)	4293029261 (0xFFE26D8D)
YUV	147.6310, -3.2691, 68.7296
Hunter-Lab	53.8787, 43.6670, 6.2340

Details

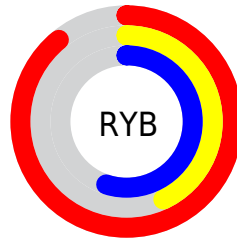
The XYZ color **41.6404, 29.0291, 28.6078** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **43.2422, 61.5397, 60.6417**, and the grayscale version is **27.9915, 29.4492, 32.0702**.

A 20% lighter version of the original color is **64.2531, 51.7060, 57.6327**, and **19.1909, 11.7032, 11.1450** is the 20% darker color. If you saturate the color by 10%, you get **38.3994, 24.3595, 21.9400**, and if you desaturate by 10%, it is **45.6839, 35.0135, 36.4373**.

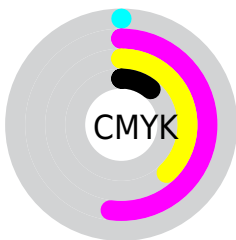
Distribution



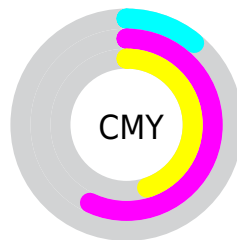
- Red (89%)
- Green (43%)
- Blue (55%)



- Red (89%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (52%)
- Yellow (38%)
- Black (11%)





- Cyan (11%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6404, 29.0291, 28.6078 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 41.6404, 29.0291, 28.6078 by changing the saturation by 10% instead.


 41.6404, 29.0291,
28.6078


 41.6404, 29.0291,
28.6078

344.0071,
297.3522, 309.3627


 29.0097, 19.1028,
18.5413


 76.9237, 58.1233,
58.4881


 19.2325, 11.7446,
11.1659


 100.3070, 78.0601,
79.1390

 11.9434, 6.5700,
6.0629


 128.0052,
102.1024, 104.1551

 6.7771, 3.1947,
2.8140

 160.3836,
130.6348, 133.9550

 3.3682, 1.2342,
1.0005

197.8077,
164.0416, 168.9571

 1.3513, 0.0894,
0.0000

240.6427,

 0.2211, 0.0000,

202.7071, 209.5801

0.0000

289.2541,
247.0159, 256.2425

■ 0.0000, 0.0000,
0.0000

■ 41.6404, 29.0291,
28.6078

■ 41.6404, 29.0291,
28.6078

■ 38.3994, 24.3595,
21.9400

■ 45.6839, 35.0135,
36.4373

■ 35.9019, 20.8999,
16.3743

■ 50.5782, 42.3980,
45.4805

■ 34.0847, 18.5372,
11.8477

■ 56.3707, 51.2658,
55.7883

■ 32.8714, 17.1337,
8.2892

■ 63.1045, 61.6924,
67.4079

■ 32.2282, 16.5144,
6.0183

■ 70.8197, 73.7480,
80.3841

■ 79.5543, 87.4986,
94.7594

■ 85.1741, 94.9088,
108.4378

Harmonies

Analogous

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



40.2234, 29.0291, 48.7637



41.6404, 29.0291, 28.6078



38.8476, 29.0291, 15.4586

Triad

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



41.6404, 29.0291, 28.6078



21.1471, 29.0291, 10.7480



22.7565, 29.0291, 75.1547

Complementary

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



41.6404, 29.0291, 28.6078



43.2422, 61.5397, 60.6417

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.



18.7510, 29.0291, 56.2902



41.6404, 29.0291, 28.6078



17.9266, 29.0291, 19.0372

Square

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



41.6404, 29.0291, 28.6078



26.5229, 29.0291, 7.9935



17.1218, 29.0291, 34.8104



28.6880, 29.0291, 80.8511

Rectangle

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



41.6404, 29.0291, 28.6078



35.1935, 29.0291, 10.7199



17.1218, 29.0291, 34.8104



21.1712, 29.0291, 69.8639

Sweetspot

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



41.6412, 29.0306, 28.6083



78.9767, 74.9102, 81.7868



41.1514, 27.7477, 75.1385



16.5137, 15.4294, 16.8311



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.



41.6412, 29.0306, 28.6083



50.2491, 31.6884, 28.3314



42.6990, 34.4216, 18.8635



13.8605, 13.7618, 15.0353



18.4291, 9.4386, 3.6595



1.3145, 0.6691, 0.4491

Inverse Universe

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



41.6412, 29.0306, 28.6083



50.2491, 31.6884, 28.3314



40.8405, 50.3536, 79.5183



13.8605, 13.7618, 15.0353



18.4291, 9.4386, 3.6595



1.3145, 0.6691, 0.4491

Previews

White Background



This preview shows how the XYZ color 41.6404, 29.0291, 28.6078 looks on a white background.

Color Contrast Check

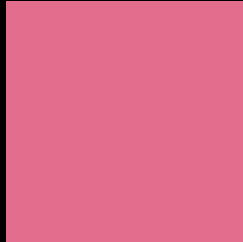
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6404, 29.0291, 28.6078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

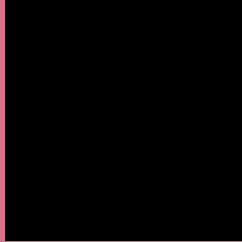
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.6404, 29.0291, 28.6078

Background



This preview shows how black text looks on a background with the XYZ color 41.6404, 29.0291, 28.6078.



This preview shows how white text looks on a background with the XYZ color 41.6404, 29.0291,

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

41.6404, 29.0291, 28.6078

Protanopia

28.5668, 29.2219, 38.7851

Deuteranopia

29.8428, 29.2306, 27.3617



Tritanopia

40.0968, 29.0380, 21.5807

Trichromacy



Original Color

41.6404, 29.0291, 28.6078

Protanomaly

31.7595, 28.1403, 34.7681

Deuteranomaly

33.3091, 28.4916, 27.7886

Tritanomaly

40.7418, 29.1544, 23.9021

Monochromacy



Original Color

41.6404, 29.0291, 28.6078

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

31.5404, 28.3246, 30.5929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6404, 29.0291, 28.6078 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(226, 109, 141)` looks like.

```
.text, #text, p{  
    color:rgb(226, 109, 141)  
}
```

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(226, 109, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 109, 141) }
```

Border

The CSS property to change the border of an element to XYZ 41.6404, 29.0291, 28.6078 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(226, 109, 141) }
```


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

```
.border{ border-color:rgb(226, 109, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 109, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 109, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 109, 141);  
box-shadow:4px 4px 4px 4px rgb(226, 109,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6404, 29.0291, 28.6078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 109, 141) }
```

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

```
.background{ background-color: rgb(226,  
109, 141) }
```

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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