

Converting Colors

XYZ(40.6281, 29.5403, 26.4822)

Have a look what the booklet for
XYZ(40.6281, 29.5403, 26.4822)
contains.

XYZ(40.6281, 29.5403, 26.4822)	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(40.6281, 29.5403,
26.4822)**

Conversions

Conversions Part 1

Format	Color
Hex	DE7387
RGB	222, 115, 135
RGB Percent	87%, 45%, 53%
CMY	0.1294, 0.5490, 0.4706
CMYK	0.00, 0.48, 0.39, 0.13
HSL	349°, 62%, 66%
HSV	349°, 48%, 87%
XYZ	40.6281, 29.5403, 26.4822
YIQ	149.2730, 57.3520, 28.9040

Conversions

Conversions Part 2

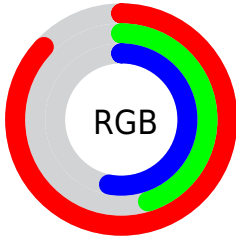
Format	Color
R _Y B	222, 115, 135
Decimal	14578567
CIE Lab	61.26, 43.65, 8.36
CIE LCh	61, 44.440, 10.839
Yxy	29.5403, 0.4204, 0.3056
Android (android.graphics.Color)	4292768647 (0xFFDE7387)
YUV	149.2730, -7.0366, 63.7816
Hunter-Lab	54.3510, 38.3169, 9.1570

Details

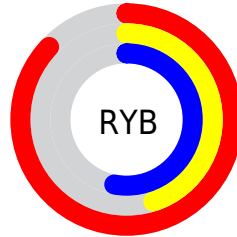
The XYZ color **40.6281, 29.5403, 26.4822** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.8537, 60.1523, 65.1797**, and the grayscale version is **28.6946, 30.1890, 32.8758**.

A 20% lighter version of the original color is **64.5051, 53.2668, 54.4587**, and **18.7671, 12.1194, 10.1542** is the 20% darker color. If you saturate the color by 10%, you get **37.2295, 24.6075, 19.6016**, and if you desaturate by 10%, it is **44.8533, 35.7813, 34.7021**.

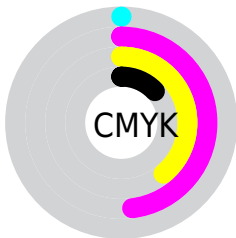
Distribution



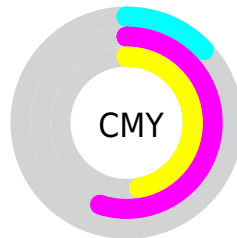
- Red (87%)
- Green (45%)
- Blue (53%)



- Red (87%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (48%)
- Yellow (39%)
- Black (13%)





- Cyan (13%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6281, 29.5403, 26.4822 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 40.6281, 29.5403, 26.4822 by changing the saturation by 10% instead.


 40.6281, 29.5403,
26.4822

 40.6281, 29.5403,
26.4822


339.8531,
299.7558, 298.8217

 28.2150, 19.4899,
16.9557


 75.3973, 58.9344,
55.0454

 18.6291, 12.0248,
10.0413


 98.4841, 79.0470,
74.9193

 11.5050, 6.7606,
5.3204


 125.8595,
103.2824, 99.0793

 6.4774, 3.3128,
2.3744

157.8889,
132.0250, 127.9441

 3.1808, 1.2972,
0.7725

194.9375,
165.6592, 161.9322

 1.2501, 0.1390,
0.0000

237.3709,

 0.1454, 0.0000,

204.5695, 201.4622

0.0000

285.5543,
249.1402, 246.9525

■ 0.0000, 0.0000,
0.0000

■ 40.6281, 29.5403,
26.4822

■ 40.6281, 29.5403,
26.4822

■ 37.2295, 24.6075,
19.6016

■ 44.8533, 35.7813,
34.7021

■ 34.5997, 20.8851,
13.9865

■ 49.9529, 43.4101,
44.3260

■ 32.6773, 18.2687,
9.5584


■ 55.9738, 52.5053,
55.4167


■ 31.3897, 16.6342,
6.2290

■ 62.9588, 63.1384,
68.0325

■ 30.6364, 15.8041,
3.8926

■ 70.9481, 75.3761,
82.2283

 30.5330, 15.6931,
3.5624

 79.9794, 89.2811,
98.0565

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



40.0904, 29.5403, 43.9305



40.6281, 29.5403, 26.4822



37.4692, 29.5403, 15.3709

Triad

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



40.6281, 29.5403, 26.4822



21.3491, 29.5403, 13.4388



24.5468, 29.5403, 73.1653

Complementary

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



40.6281, 29.5403, 26.4822



43.8537, 60.1523, 65.1797

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.



20.4025, 29.5403, 58.1443



40.6281, 29.5403, 26.4822



18.7411, 29.5403, 22.7125

Square

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



40.6281, 29.5403, 26.4822



26.0159, 29.5403, 9.7745



18.4205, 29.5403, 38.6062



30.2446, 29.5403, 75.2767

Rectangle

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



40.6281, 29.5403, 26.4822



33.9185, 29.5403, 11.4464



18.4205, 29.5403, 38.6062



22.9482, 29.5403, 69.2640

Sweetspot

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



40.6289, 29.5418, 26.4827



80.3734, 77.5691, 82.6672



43.2966, 29.8992, 72.5963



16.7708, 15.9456, 16.9102



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.



40.6289, 29.5418, 26.4827



50.8629, 33.5382, 26.6182



43.6690, 37.6675, 21.1905



13.8113, 13.7422, 14.7767



18.1660, 9.3334, 2.2742



1.2899, 0.6592, 0.3193

Inverse Universe

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



40.6289, 29.5418, 26.4827



50.8629, 33.5382, 26.6182



38.6481, 45.7036, 75.8919



13.8113, 13.7422, 14.7767



18.1660, 9.3334, 2.2742



1.2899, 0.6592, 0.3193

Previews

White Background



This preview shows how the XYZ color 40.6281, 29.5403, 26.4822 looks on a white background.

Color Contrast Check

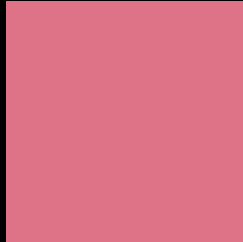
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.6281, 29.5403, 26.4822 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 40.6281, 29.5403, 26.4822

Background



This preview shows how black text looks on a background with the XYZ color 40.6281, 29.5403, 26.4822.



This preview shows how white text looks on a background with the XYZ color 40.6281, 29.5403,

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

40.6281, 29.5403, 26.4822

Protanopia

28.9174, 29.9637, 34.3965

Deuteranopia

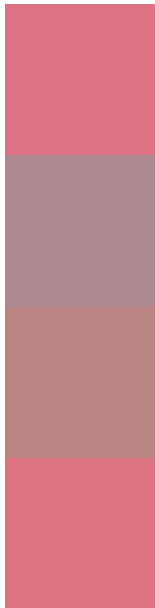
30.2139, 29.6916, 25.2577



Tritanopia

39.8818, 29.5754, 23.0087

Trichromacy



Original Color

40.6281, 29.5403, 26.4822

Protanomaly

31.8970, 28.9137, 31.0939

Deuteranomaly

33.2914, 29.1324, 25.6983

Tritanomaly

40.0266, 29.4479, 24.3433

Monochromacy



Original Color

40.6281, 29.5403, 26.4822

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.8842, 29.1350, 30.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6281, 29.5403, 26.4822 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(222, 115, 135)` looks like.

```
.text, #text, p{  
    color:rgb(222, 115, 135)  
}
```

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(222, 115, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 115, 135) }
```

Border

The CSS property to change the border of an element to XYZ 40.6281, 29.5403, 26.4822 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(222, 115, 135) }
```


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

```
.border{ border-color:rgb(222, 115, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 115, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 115, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 115, 135);  
box-shadow:4px 4px 4px 4px rgb(222, 115,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6281, 29.5403, 26.4822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 115, 135) }
```

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

```
.background{ background-color: rgb(222,  
115, 135) }
```

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