

Converting Colors

XYZ(40.6378, 28.5928, 24.9560)

Have a look what the booklet for
XYZ(40.6378, 28.5928, 24.9560)
contains.

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Color

**XYZ(40.6167, 28.5835,
24.8492)**

Conversions

Conversions Part 1

Format	Color
Hex	E16D83
RGB	225, 109, 131
RGB Percent	88%, 43%, 51%
CMY	0.1176, 0.5725, 0.4863
CMYK	0.00, 0.52, 0.42, 0.12
HSL	349°, 66%, 65%
HSV	349°, 52%, 88%
XYZ	40.6167, 28.5835, 24.8492
YIQ	146.1920, 62.0740, 31.4340

Conversions

Conversions Part 2

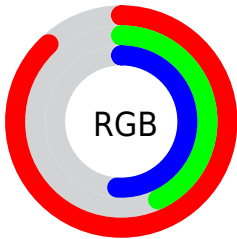
Format	Color
R _Y B	225, 109, 131
Decimal	14773635
CIE Lab	60.41, 47.25, 9.52
CIE LCh	60, 48.197, 11.397
Yxy	28.5835, 0.4319, 0.3039
Android (android.graphics.Color)	4292963715 (0xFFE16D83)
YUV	146.1920, -7.4897, 69.1146
Hunter-Lab	53.4635, 42.0468, 9.8672

Details

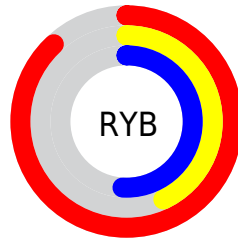
The XYZ color **40.6167, 28.5835, 24.8492** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.0129, 61.4141, 66.0379**, and the grayscale version is **27.4132, 28.8408, 31.4076**.

A 20% lighter version of the original color is **62.9889, 50.9151, 51.8551**, and **18.6630, 11.5445, 9.2273** is the 20% darker color. If you saturate the color by 10%, you get **37.3872, 23.9313, 18.2029**, and if you desaturate by 10%, it is **44.6794, 34.5540, 32.8468**.

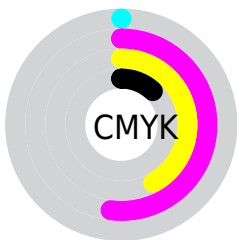
Distribution



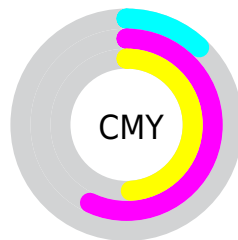
- Red (88%)
- Green (43%)
- Blue (51%)



- Red (88%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (52%)
- Yellow (42%)
- Black (12%)





- Cyan (12%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6167, 28.5835, 24.8492 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 40.6167, 28.5835, 24.8492 by changing the saturation by 10% instead.


 40.6167, 28.5835,
24.8492


 40.6167, 28.5835,
24.8492


339.8061,
295.2447, 290.5097


 28.2061, 18.7660,
15.7467


 75.3801, 57.4147,
52.3736

 18.6223, 11.5013,
9.1927


 98.4635, 77.1971,
71.6325

 11.5001, 6.4051,
4.7686


 125.8353,
101.0700, 95.1141

 6.4740, 3.0929,
2.0558

 157.8607,
129.4177, 123.2368

 3.1788, 1.1804,
0.5893

194.9051,
162.6247, 156.4192

 1.2490, 0.0456,
0.0000


237.3339,


 0.1445, 0.0000,


201.0752, 195.0798


0.0000


285.5125,
245.1537, 239.6371


 0.0000, 0.0000,
0.0000


 40.6167, 28.5835,
24.8492


 40.6167, 28.5835,
24.8492


 37.3872, 23.9313,
18.2029


 44.6794, 34.5540,
32.8468


 34.9295, 20.4929,
12.8302

 49.6264, 41.9283,
42.2639


 33.1768, 18.1547,
8.6479

 55.5074, 50.7898,
53.1662

 32.0497, 16.7797,
5.5614

 62.3676, 61.2140,
65.6145

 31.4812, 16.1795,
3.7170

 70.2492, 73.2714,
79.6664

■ 79.1921, 87.0282,
95.3764

■ 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



40.1115, 28.5835, 43.3404



40.6167, 28.5835, 24.8492



37.1327, 28.5835, 13.5590

Triad

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



40.6167, 28.5835, 24.8492



20.0195, 28.5835, 11.8880



23.5378, 28.5835, 76.0167

Complementary

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



40.6167, 28.5835, 24.8492



44.0129, 61.4141, 66.0379

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.



19.1671, 28.5835, 59.6146



40.6167, 28.5835, 24.8492



17.3594, 28.5835, 21.4482

Square

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



40.6167, 28.5835, 24.8492



24.8785, 28.5835, 8.2114



17.0731, 28.5835, 38.3718



29.5933, 28.5835, 78.0500

Rectangle

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



40.6167, 28.5835, 24.8492



33.2870, 28.5835, 9.7347



17.0731, 28.5835, 38.3718



21.8486, 28.5835, 71.7744

Sweetspot

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



40.6175, 28.5850, 24.8497



79.4434, 76.1389, 81.0321



43.3633, 28.9038, 74.5276



16.5879, 15.6642, 16.5895



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.



40.6175, 28.5850, 24.8497



49.3283, 31.3201, 23.4826



43.7557, 36.9992, 19.3053



13.8129, 13.7428, 14.7849



18.1728, 9.3361, 2.3099



1.2906, 0.6595, 0.3231

Inverse Universe

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



40.6175, 28.5850, 24.8497



49.3283, 31.3201, 23.4826



38.3553, 45.6023, 78.0146



13.8129, 13.7428, 14.7849



18.1728, 9.3361, 2.3099



1.2906, 0.6595, 0.3231

Previews

White Background



This preview shows how the XYZ color 40.6167, 28.5835, 24.8492 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 40.6167, 28.5835, 24.8492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

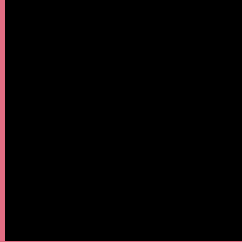
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.6167, 28.5835, 24.8492

Background



This preview shows how black text looks on a background with the XYZ color 40.6167, 28.5835, 24.8492.



This preview shows how white text looks on a background with the XYZ color 40.6167, 28.5835,

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

40.6167, 28.5835, 24.8492

Protanopia

27.7439, 28.6882, 33.3533

Deuteranopia

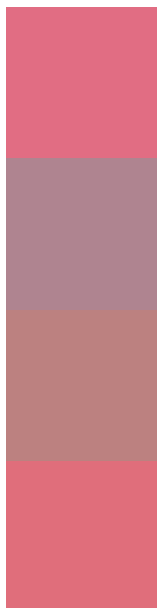
29.2271, 28.7716, 23.7517



Tritanopia

39.7547, 28.5481, 20.8678

Trichromacy



Original Color

40.6167, 28.5835, 24.8492

Protanomaly

30.9645, 27.6301, 30.0867

Deuteranomaly

32.4856, 27.9504, 24.1049

Tritanomaly

39.8916, 28.4292, 22.1238

Monochromacy



Original Color

40.6167, 28.5835, 24.8492

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

30.8744, 27.8121, 28.9403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6167, 28.5835, 24.8492 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, 109, 131)` looks like.

```
.text, #text, p{  
    color:rgb(225, 109, 131)  
}
```

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, 109, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 109, 131) }
```

Border

The CSS property to change the border of an element to XYZ 40.6167, 28.5835, 24.8492 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, 109, 131) }
```


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

```
.border{ border-color:rgb(225, 109, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 109, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 109, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 109, 131);  
box-shadow:4px 4px 4px 4px rgb(225, 109,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6167, 28.5835, 24.8492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 109, 131) }
```

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

```
.background{ background-color: rgb(225,  
109, 131) }
```

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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