

Converting Colors

XYZ(40.6283, 29.3039, 25.1076)

Have a look what the booklet for
XYZ(40.6283, 29.3039, 25.1076)
contains.

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Color

**XYZ(40.4333, 29.1369,
24.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	DF7183
RGB	223, 113, 131
RGB Percent	87%, 44%, 51%
CMY	0.1255, 0.5568, 0.4863
CMYK	0.00, 0.49, 0.41, 0.13
HSL	350°, 63%, 66%
HSV	350°, 49%, 87%
XYZ	40.4333, 29.1369, 24.9656
YIQ	147.9420, 59.7820, 28.9180

Conversions

Conversions Part 2

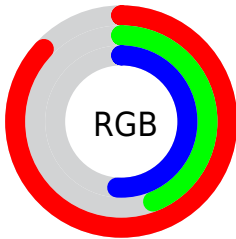
Format	Color
R_{YB}	223, 113, 131
Decimal	14643587
CIE _{Lab}	60.90, 44.57, 10.18
CIE _{LCh}	61, 45.715, 12.864
Yxy	29.1369, 0.4277, 0.3082
Android (android.graphics.Color)	4292833667 (0xFFDF7183)
YUV	147.9420, -8.3524, 65.8259
Hunter-Lab	53.9786, 39.2449, 10.3629

Details

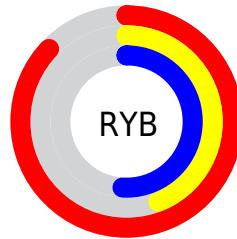
The XYZ color **40.4333, 29.1369, 24.9656** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.2187, 60.6946, 67.1459**, and the grayscale version is **28.1412, 29.6068, 32.2418**.

A 20% lighter version of the original color is **63.7104, 52.3581, 52.0956**, and **18.4487, 11.7334, 9.2751** is the 20% darker color. If you saturate the color by 10%, you get **37.0916, 24.2977, 18.1662**, and if you desaturate by 10%, it is **44.6153, 35.2924, 33.1683**.

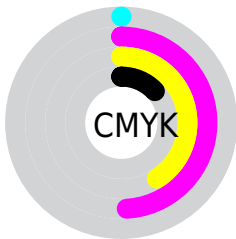
Distribution



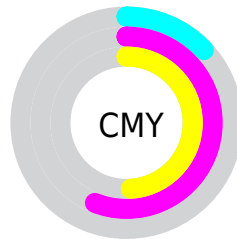
- Red (87%)
- Green (44%)
- Blue (51%)



- Red (87%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (49%)
- Yellow (41%)
- Black (13%)





- Cyan (13%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4333, 29.1369, 24.9656 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 40.4333, 29.1369, 24.9656 by changing the saturation by 10% instead.


 40.4333, 29.1369,
24.9656


 40.4333, 29.1369,
24.9656


339.0497,
297.8603, 291.1088

 28.0623, 19.1844,
15.8326


 75.1030, 58.2945,
52.5648

 18.5133, 11.8036,
9.2527

 98.1324, 78.2684,
71.8682

 11.4210, 6.6101,
4.8073


 125.4453,
102.3516, 95.3988

 6.4202, 3.2195,
2.0779


157.4071,
130.9285, 123.5751

 3.1453, 1.2474,
0.6026

194.3830,
164.3834, 156.8157

 1.2310, 0.0999,
0.0000

236.7385,

 0.1307, 0.0000,

203.1007, 195.5392

0.0000

284.8390,
247.4649, 240.1640

■ 0.0000, 0.0000,
0.0000

■ 40.4333, 29.1369,
24.9656

■ 40.4333, 29.1369,
24.9656

■ 37.0916, 24.2977,
18.1662

■ 44.6153, 35.2924,
33.1683

■ 34.5300, 20.6743,
12.6891

■ 49.6876, 42.8462,
42.8460

■ 32.6841, 18.1589,
8.4471


■ 55.6988, 51.8787,
54.0671


■ 31.4776, 16.6227,
5.3414

■ 62.6935, 62.4632,
66.8956

■ 30.7935, 15.8590,
3.2500

■ 70.7133, 74.6679,
81.3914

 30.7573, 15.8183,
3.1400

 79.7974, 88.5570,
97.6117

 84.2414, 94.4280,
108.3942

Harmonies

Analogous

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



40.1495, 29.1369, 42.4089



40.4333, 29.1369, 24.9656



36.9696, 29.1369, 14.2287

Triad

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



40.4333, 29.1369, 24.9656



20.6077, 29.1369, 13.2393



24.4532, 29.1369, 74.5497

Complementary

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



40.4333, 29.1369, 24.9656



44.2187, 60.6946, 67.1459

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.



20.1158, 29.1369, 59.6929



40.4333, 29.1369, 24.9656



18.1240, 29.1369, 23.0057

Square

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



40.4333, 29.1369, 24.9656



25.2202, 29.1369, 9.2823



17.9579, 29.1369, 39.6063



30.3239, 29.1369, 75.6742

Rectangle

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



40.4333, 29.1369, 24.9656



33.2553, 29.1369, 10.5662



17.9579, 29.1369, 39.6063



22.7896, 29.1369, 70.8048

Sweetspot

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



40.4341, 29.1384, 24.9661



79.3087, 76.0850, 80.3232



44.3104, 30.0714, 73.2810



16.5559, 15.6514, 16.4209



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.



40.4341, 29.1384, 24.9661



50.2191, 32.8610, 24.5216



44.2664, 38.5882, 20.7399



13.7982, 13.7369, 14.7077



18.1123, 9.3119, 1.9912



1.2837, 0.6567, 0.2867

Inverse Universe

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



40.4341, 29.1384, 24.9661



50.2191, 32.8610, 24.5216



37.7598, 44.0982, 76.3337



13.7982, 13.7369, 14.7077



18.1123, 9.3119, 1.9912



1.2837, 0.6567, 0.2867

Previews

White Background



This preview shows how the XYZ color 40.4333, 29.1369, 24.9656 looks on a white background.

Color Contrast Check

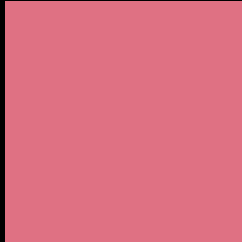
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4333, 29.1369, 24.9656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

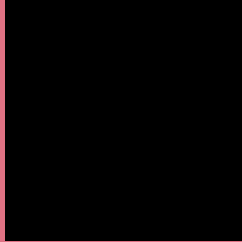
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.4333, 29.1369, 24.9656

Background



This preview shows how black text looks on a background with the XYZ color 40.4333, 29.1369, 24.9656.



This preview shows how white text looks on a background with the XYZ color 40.4333, 29.1369,

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

40.4333, 29.1369, 24.9656

Protanopia

28.2530, 29.4269, 32.6246

Deuteranopia

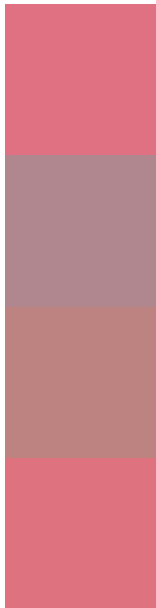
29.8011, 29.2874, 23.8210



Tritanopia

39.7167, 28.9943, 22.2420

Trichromacy



Original Color

40.4333, 29.1369, 24.9656

Protanomaly

31.4510, 28.5110, 29.4367

Deuteranomaly

32.9988, 28.6099, 24.2051

Tritanomaly

39.9074, 29.0706, 23.2465

Monochromacy



Original Color

40.4333, 29.1369, 24.9656

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

31.2257, 28.3949, 29.4262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4333, 29.1369, 24.9656 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(223, 113, 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(223, 113, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 113, 131) }
```

Border

The CSS property to change the border of an element to XYZ 40.4333, 29.1369, 24.9656 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, 131) }
```


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

```
.border{ border-color:rgb(223, 113, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 113, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 113, 131); box-shadow:4px 4px 4px 4px rgb(223, 113, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4333, 29.1369, 24.9656 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, 131) }
```

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

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