

Converting Colors

XYZ(39.3960, 28.6537, 24.7901)

Have a look what the booklet for
XYZ(39.3960, 28.6537, 24.7901)
contains.

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Color

**XYZ(39.5171, 28.6646,
24.9228)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7183
RGB	220, 113, 131
RGB Percent	86%, 44%, 51%
CMY	0.1373, 0.5568, 0.4863
CMYK	0.00, 0.49, 0.40, 0.14
HSL	350°, 60%, 65%
HSV	350°, 49%, 86%
XYZ	39.5171, 28.6646, 24.9228
YIQ	147.0450, 57.9940, 28.2820

Conversions

Conversions Part 2

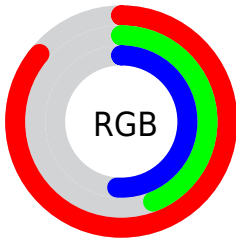
Format	Color
R _Y B	220, 113, 131
Decimal	14446979
CIE Lab	60.48, 43.51, 9.53
CIE LCh	60, 44.537, 12.353
Yxy	28.6646, 0.4244, 0.3079
Android (android.graphics.Color)	4292637059 (0xFFDC7183)
YUV	147.0450, -7.9102, 63.9815
Hunter-Lab	53.5393, 38.0561, 9.8778

Details

The XYZ color **39.5171, 28.6646, 24.9228** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.0654, 58.9621, 64.9916**, and the grayscale version is **27.7675, 29.2136, 31.8136**.

A 20% lighter version of the original color is **63.7104, 52.3581, 52.0956**, and **17.8897, 11.5238, 9.2641** is the 20% darker color. If you saturate the color by 10%, you get **36.2207, 23.8845, 18.2358**, and if you desaturate by 10%, it is **43.6290, 34.7250, 32.9630**.

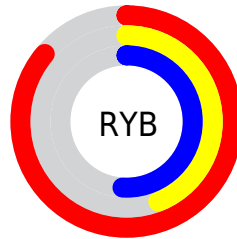
Distribution



Red (86%)

Green (44%)

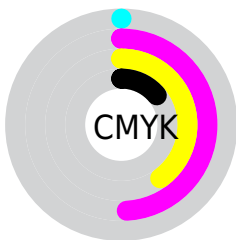
Blue (51%)



Red (86%)

Yellow (44%)

Blue (51%)

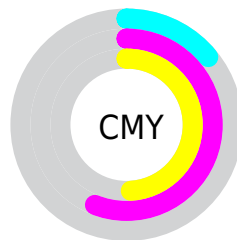


Cyan (0%)

Magenta (49%)

Yellow (40%)

Black (14%)



Cyan (14%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5171, 28.6646, 24.9228 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 39.5171, 28.6646, 24.9228 by changing the saturation by 10% instead.


 39.5171, 28.6646,
24.9228


 39.5171, 28.6646,
24.9228


335.2534,
295.6291, 290.8886

 27.3448, 18.8272,
15.8011


 73.7166, 57.5438,
52.4945

 17.9702, 11.5455,
9.2307


 96.4745, 77.3544,
71.7816

 11.0282, 6.4350,
4.7931


 123.4917,
101.2582, 95.2941

 6.1532, 3.1114,
2.0698

155.1334,
129.6396, 123.4508

 2.9800, 1.1901,
0.5977

191.7651,
162.8830, 156.6700

 1.1432, 0.0536,
0.0000

233.7521,

 0.0608, 0.0000,

201.3728, 195.3703

0.0000

281.4598,
245.4934, 239.9704

■ 0.0000, 0.0000,
0.0000

■ 39.5171, 28.6646,
24.9228

■ 39.5171, 28.6646,
24.9228

■ 36.2207, 23.8845,
18.2358

■ 43.6290, 34.7250,
32.9630

■ 33.6822, 20.2881,
12.8250

■ 48.6040, 42.1441,
42.4240

■ 31.8400, 17.7724,
8.6081


■ 54.4890, 50.9994,
53.3711


■ 30.6216, 16.2147,
5.4923


■ 61.3266, 61.3612,
65.8648

■ 29.9224, 15.4307,
3.3646

■ 69.1567, 73.2953,
79.9622

 29.8491, 15.3492,
3.1397

 78.0170, 86.8634,
95.7176

 83.3252, 93.9557,
108.3513

Harmonies

Analogous

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



39.1798, 28.6646, 41.8127



39.5171, 28.6646, 24.9228



36.2467, 28.6646, 14.3864

Triad

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



39.5171, 28.6646, 24.9228



20.4625, 28.6646, 13.1887



24.0327, 28.6646, 72.0849

Complementary

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



39.5171, 28.6646, 24.9228



43.0654, 58.9621, 64.9916

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.



19.8723, 28.6646, 57.7301



39.5171, 28.6646, 24.9228



18.0191, 28.6646, 22.5722

Square

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



39.5171, 28.6646, 24.9228



24.9503, 28.6646, 9.3906



17.8194, 28.6646, 38.4765



29.6759, 28.6646, 73.4140

Rectangle

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



39.5171, 28.6646, 24.9228



32.6965, 28.6646, 10.7433



17.8194, 28.6646, 38.4765



22.4356, 28.6646, 68.4395

Sweetspot

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



39.5179, 28.6661, 24.9233



79.3324, 76.0945, 80.4479



42.7464, 29.3114, 71.1149



16.5616, 15.6537, 16.4505



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.



39.5179, 28.6661, 24.9233



50.6712, 33.4615, 25.6086



42.9125, 37.2406, 20.5511



13.1449, 13.0871, 14.0245



17.5460, 9.0194, 1.9891



1.1645, 0.5954, 0.2752

Inverse Universe

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



39.5179, 28.6661, 24.9233



50.6712, 33.4615, 25.6086



37.3131, 43.8463, 74.2068



13.1449, 13.0871, 14.0245



17.5460, 9.0194, 1.9891



1.1645, 0.5954, 0.2752

Previews

White Background



This preview shows how the XYZ color 39.5171, 28.6646, 24.9228 looks on a white background.

Color Contrast Check

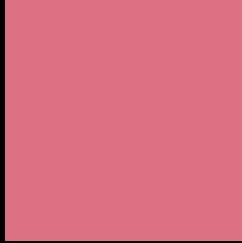
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5171, 28.6646, 24.9228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

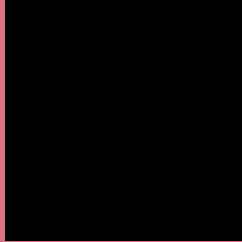
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5171, 28.6646, 24.9228

Background



This preview shows how black text looks on a background with the XYZ color 39.5171, 28.6646, 24.9228.

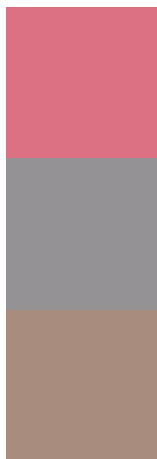


This preview shows how white text looks on a background with the XYZ color 39.5171, 28.6646,

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

39.5171, 28.6646, 24.9228

Protanopia

27.9164, 29.0236, 32.5645

Deuteranopia

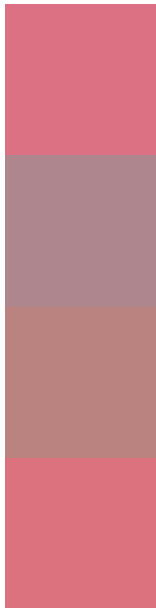
29.4392, 28.8809, 23.7616



Tritanopia

38.8059, 28.5248, 22.1994

Trichromacy



Original Color

39.5171, 28.6646, 24.9228

Protanomaly

30.8631, 28.0019, 29.3694

Deuteranomaly

32.5061, 28.3559, 24.1821

Tritanomaly

38.9966, 28.6011, 23.2039

Monochromacy



Original Color

39.5171, 28.6646, 24.9228

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.9273, 28.2497, 29.0220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5171, 28.6646, 24.9228 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(220, 113, 131)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 113, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 113, 131) }
```

Border

The CSS property to change the border of an element to XYZ 39.5171, 28.6646, 24.9228 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(220, 113, 131) }
```


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

```
.border{ border-color:rgb(220, 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(220, 113, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 113, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 113, 131);  
box-shadow:4px 4px 4px 4px rgb(220, 113,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5171, 28.6646, 24.9228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 113, 131) }
```

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

```
.background{ background-color: rgb(220,  
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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