

Converting Colors

XYZ(40.4485, 32.3467, 28.6163)

Have a look what the booklet for
XYZ(40.4485, 32.3467, 28.6163)
contains.

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Color

**XYZ(40.5081, 32.3928,
28.5435)**

Conversions

Conversions Part 1

Format	Color
Hex	D6838B
RGB	214, 131, 139
RGB Percent	84%, 51%, 55%
CMY	0.1608, 0.4863, 0.4549
CMYK	0.00, 0.39, 0.35, 0.16
HSL	354°, 50%, 68%
HSV	354°, 39%, 84%
XYZ	40.5081, 32.3928, 28.5435
YIQ	156.7290, 46.9000, 20.0840

Conversions

Conversions Part 2

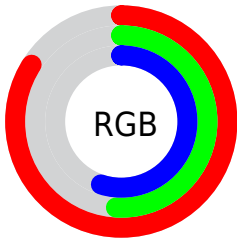
Format	Color
R _Y B	214, 131, 139
Decimal	14058379
CIE Lab	63.67, 32.89, 9.35
CIE LCh	64, 34.190, 15.879
Yxy	32.3928, 0.3993, 0.3193
Android (android.graphics.Color)	4292248459 (0xFFD6838B)
YUV	156.7290, -8.7404, 50.2267
Hunter-Lab	56.9147, 27.4438, 10.1055

Details

The XYZ color **40.5081, 32.3928, 28.5435** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **44.5488, 57.3755, 67.1223**, and the grayscale version is **31.9501, 33.6140, 36.6056**.

A 20% lighter version of the original color is **68.1034, 59.7637, 57.8153**, and **18.5765, 13.6267, 11.1023** is the 20% darker color. If you saturate the color by 10%, you get **36.6348, 26.7110, 20.8870**, and if you desaturate by 10%, it is **45.2266, 39.3649, 37.7156**.

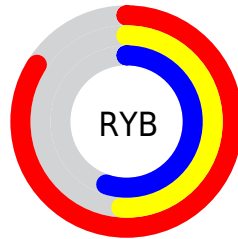
Distribution



Red (84%)

Green (51%)

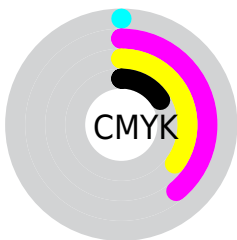
Blue (55%)



Red (84%)

Yellow (51%)

Blue (55%)

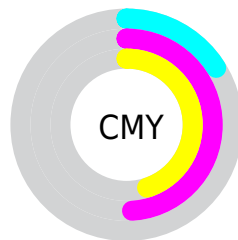


Cyan (0%)

Magenta (39%)

Yellow (35%)

Black (16%)



Cyan (16%)


Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5081, 32.3928, 28.5435 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 40.5081, 32.3928, 28.5435 by changing the saturation by 10% instead.

 40.5081, 32.3928,
28.5435


 40.5081, 32.3928,
28.5435

339.3583,
312.9047, 309.0482

 28.1209, 21.6617,
18.4932


 75.2160, 63.4264,
58.3845

 18.5577, 13.6085,
11.1315


 98.2675, 84.4976,
79.0123

 11.4533, 7.8489,
6.0401

 125.6044,
109.7844, 104.0029

 6.4421, 3.9984,
2.8003

157.5921,
139.6711, 133.7749

 3.1589, 1.6727,
0.9936

194.5960,
174.5420, 168.7470

 1.2384, 0.4059,
0.0000

236.9815,

 0.1363, 0.0000,

214.7817, 209.3375

0.0000

285.1138,
260.7745, 255.9650

■ 0.0000, 0.0000,
0.0000

■ 40.5081, 32.3928,
28.5435

■ 40.5081, 32.3928,
28.5435

■ 36.6348, 26.7110,
20.8870

■ 45.2266, 39.3649,
37.7156

■ 33.5542, 22.2358,
14.6624

■ 50.8337, 47.6947,
48.4768

■ 31.2119, 18.8813,
9.7811

■ 57.3728, 57.4506,
60.8983

■ 29.5454, 16.5480,
6.1437

■ 64.8836, 68.6951,
75.0462

■ 28.4819, 15.1191,
3.6367

■ 73.4036, 81.4869,
90.9831

■ 27.9143, 14.4145,
2.1201

■ 81.5417, 93.0362,
108.2678

■ 27.8635, 14.3489,
1.9920

Harmonies

Analogous

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



40.5959, 32.3928, 42.0939



40.5081, 32.3928, 28.5435



37.6448, 32.3928, 19.5402

Triad

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



40.5081, 32.3928, 28.5435



24.6471, 32.3928, 19.9283



28.5988, 32.3928, 67.4744

Complementary

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



40.5081, 32.3928, 28.5435



44.5488, 57.3755, 67.1223

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.



24.8196, 32.3928, 57.7575



40.5081, 32.3928, 28.5435



22.7032, 32.3928, 29.2270

Square

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



40.5081, 32.3928, 28.5435



28.3400, 32.3928, 15.5184



22.7629, 32.3928, 42.9786



33.3738, 32.3928, 67.1525

Rectangle

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



40.5081, 32.3928, 28.5435



34.7016, 32.3928, 16.2794



22.7629, 32.3928, 42.9786



27.1810, 32.3928, 65.1833

Sweetspot

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



40.5090, 32.3944, 28.5441



81.9165, 80.3519, 84.1170



45.6253, 34.1682, 67.8089



17.2549, 16.7829, 17.4758



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.



40.5090, 32.3944, 28.5441



55.1675, 40.7269, 32.4322



45.1407, 42.5588, 27.3102



12.4714, 12.4400, 13.1565



16.8589, 8.6799, 1.2952



1.0339, 0.5303, 0.1678

Inverse Universe

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



40.5090, 32.3944, 28.5441



55.1675, 40.7269, 32.4322



37.9823, 42.6482, 69.8486



12.4714, 12.4400, 13.1565



16.8589, 8.6799, 1.2952



1.0339, 0.5303, 0.1678

Previews

White Background



This preview shows how the XYZ color 40.5081, 32.3928, 28.5435 looks on a white background.

Color Contrast Check

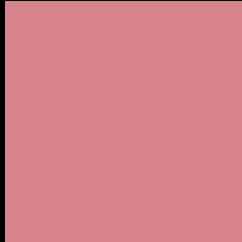
Large Text (above 18pt) WCAG AA × Fail

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 40.5081, 32.3928, 28.5435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

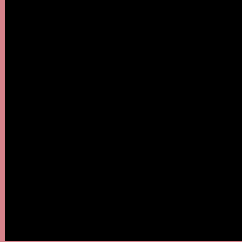
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5081, 32.3928, 28.5435

Background



This preview shows how black text looks on a background with the XYZ color 40.5081, 32.3928, 28.5435.



This preview shows how white text looks on a background with the XYZ color 40.5081, 32.3928,

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

40.5081, 32.3928, 28.5435

Protanopia

31.2421, 32.6147, 33.9268

Deuteranopia

33.0959, 32.5026, 27.8218



Tritanopia

40.6556, 32.4518, 29.3203

Trichromacy



Original Color

40.5081, 32.3928, 28.5435

Protanomaly

33.9054, 32.1293, 32.0183

Deuteranomaly

35.4236, 32.0993, 27.9957

Tritanomaly

40.5815, 32.4222, 28.9302

Monochromacy



Original Color

40.5081, 32.3928, 28.5435

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.4550, 32.8468, 33.3783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5081, 32.3928, 28.5435 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(214, 131, 139)` looks like.

```
.text, #text, p{  
    color:rgb(214, 131, 139)  
}
```

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(214, 131, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 131, 139) }
```

Border

The CSS property to change the border of an element to XYZ 40.5081, 32.3928, 28.5435 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(214, 131, 139) }
```


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

```
.border{ border-color:rgb(214, 131, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 131, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 131, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 131, 139);  
box-shadow:4px 4px 4px 4px rgb(214, 131,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5081, 32.3928, 28.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 131, 139) }
```

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

```
.background{ background-color: rgb(214,  
131, 139) }
```

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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