

Converting Colors

XYZ(40.6337, 34.9204, 28.5323)

Have a look what the booklet for
XYZ(40.6337, 34.9204, 28.5323)
contains.

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Color

**XYZ(40.7044, 35.0352,
28.6619)**

Conversions

Conversions Part 1

Format	Color
Hex	D18F8A
RGB	209, 143, 138
RGB Percent	82%, 56%, 54%
CMY	0.1804, 0.4392, 0.4588
CMYK	0.00, 0.32, 0.34, 0.18
HSL	4°, 44%, 68%
HSV	4°, 34%, 82%
XYZ	40.7044, 35.0352, 28.6619
YIQ	162.1640, 40.9410, 12.4370

Conversions

Conversions Part 2

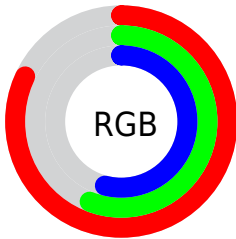
Format	Color
R _Y B	209, 143, 138
Decimal	13733770
CIE Lab	65.78, 24.40, 12.82
CIE LCh	66, 27.559, 27.712
Yxy	35.0352, 0.3899, 0.3356
Android (android.graphics.Color)	4291923850 (0xFFD18F8A)
YUV	162.1640, -11.9129, 41.0752
Hunter-Lab	59.1905, 19.1682, 12.7233

Details

The XYZ color **40.7044, 35.0352, 28.6619** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5819, 53.1906, 68.2915**, and the grayscale version is **34.4610, 36.2556, 39.4824**.

A 20% lighter version of the original color is **70.6102, 64.9541, 58.1060**, and **18.7255, 15.1312, 11.1662** is the 20% darker color. If you saturate the color by 10%, you get **36.6663, 29.1519, 20.5552**, and if you desaturate by 10%, it is **45.5406, 42.0483, 38.4718**.

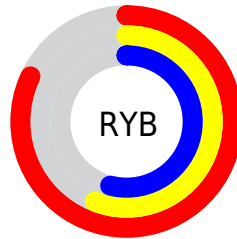
Distribution



Red (82%)

Green (56%)

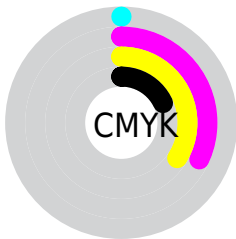
Blue (54%)



Red (82%)

Yellow (56%)

Blue (54%)

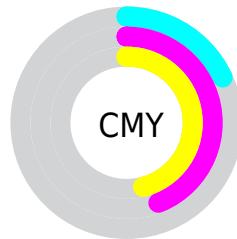


Cyan (0%)

Magenta (32%)

Yellow (34%)

Black (18%)



Cyan (18%)


Magenta (44%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7044, 35.0352, 28.6619 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 40.7044, 35.0352, 28.6619 by changing the saturation by 10% instead.


 40.7044, 35.0352,
28.6619


 40.7044, 35.0352,
28.6619


340.1674,
324.7237, 309.6272


 28.2748, 23.6900,
18.5818


 75.5125, 67.5403,
58.5752

 18.6744, 15.1038,
11.1948


 98.6218, 89.4690,
79.2456

 11.5379, 8.8923,
6.0822


 126.0216,
115.6943, 104.2831

 6.4998, 4.6710,
2.8255

158.0774,
146.6006, 134.1063

 3.1948, 2.0555,
1.0062

195.1545,
182.5722, 169.1338

 1.2576, 0.6394,
0.0000

237.6183,

 0.1511, 0.0000,

223.9937, 209.7841

0.0000

285.8342,
271.2494, 256.4757

■ 0.0000, 0.0000,
0.0000

■ 40.7044, 35.0352,
28.6619

■ 40.7044, 35.0352,
28.6619

■ 36.6663, 29.1519,
20.5552

■ 45.5406, 42.0483,
38.4718

■ 33.3807, 24.3347,
14.0527

■ 51.2116, 50.2408,
50.0722

■ 30.8017, 20.5212,
9.0483

■ 57.7554, 59.6651,
63.5467

■ 28.8773, 17.6403,
5.4225

■ 65.2067, 70.3694,
78.9732

■ 27.5481, 15.6119,
3.0374

■ 73.5982, 82.3989,
96.4252

■ 26.7439, 14.3420,
1.7261

■ 80.1045, 92.2953,
108.2006

■ 26.4616, 13.8894,
1.2862

Harmonies

Analogous

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



41.7300, 35.0352, 39.0474



40.7044, 35.0352, 28.6619



37.6489, 35.0352, 22.1896

Triad

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



40.7044, 35.0352, 28.6619



27.1237, 35.0352, 27.4024



32.9890, 35.0352, 65.1486

Complementary

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



40.7044, 35.0352, 28.6619



43.5819, 53.1906, 68.2915

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.



29.2994, 35.0352, 60.3547



40.7044, 35.0352, 28.6619



26.0892, 35.0352, 37.2613

Square

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



40.7044, 35.0352, 28.6619



29.7982, 35.0352, 21.5731



26.8527, 35.0352, 49.5239



37.0658, 35.0352, 61.5755

Rectangle

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



40.7044, 35.0352, 28.6619



34.9901, 35.0352, 20.1991



26.8527, 35.0352, 49.5239



31.6651, 35.0352, 64.4444

Sweetspot

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



40.7053, 35.0369, 28.6626



84.1120, 84.2635, 86.3266



46.3143, 36.1051, 61.8226



17.6991, 17.5973, 17.8515



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.



40.7053, 35.0369, 28.6626



58.9773, 47.8686, 35.1756



46.8490, 47.3243, 30.7105



11.8747, 11.9401, 12.2908



16.3422, 8.6174, 0.8020



0.9377, 0.5297, 0.0528

Inverse Universe

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



43.5819, 53.1906, 68.2915



64.1647, 80.6549, 106.7939



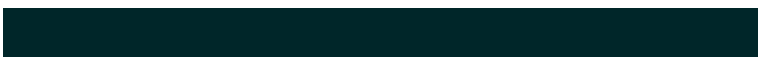
36.1348, 38.2963, 65.8091



12.0841, 13.2584, 15.1659



19.0579, 26.7624, 41.3537



1.0875, 1.5401, 2.3195

Previews

White Background



This preview shows how the XYZ color 40.7044, 35.0352, 28.6619 looks on a white background.

Color Contrast Check

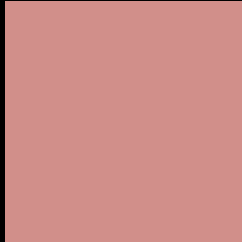
Large Text (above 18pt) WCAG AA × Fail

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 40.7044, 35.0352, 28.6619 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 40.7044, 35.0352, 28.6619

Background



This preview shows how black text looks on a background with the XYZ color 40.7044, 35.0352, 28.6619.



This preview shows how white text looks on a background with the XYZ color 40.7044, 35.0352,

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

40.7044, 35.0352, 28.6619

Protanopia

33.5632, 35.3552, 32.6590

Deuteranopia

35.7667, 35.0791, 28.1784



Tritanopia

41.7707, 35.0184, 34.2634

Trichromacy



Original Color

40.7044, 35.0352, 28.6619

Protanomaly

35.8810, 35.0699, 31.2636

Deuteranomaly

37.4140, 34.9563, 28.4422

Tritanomaly

41.5178, 35.1542, 32.2010

Monochromacy



Original Color

40.7044, 35.0352, 28.6619

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.0615, 35.3263, 35.0550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7044, 35.0352, 28.6619 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(209, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(209, 143, 138)  
}
```

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(209, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 143, 138) }
```

Border

The CSS property to change the border of an element to XYZ 40.7044, 35.0352, 28.6619 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(209, 143, 138) }
```


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

```
.border{ border-color:rgb(209, 143, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 143, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 143, 138);  
box-shadow:4px 4px 4px 4px rgb(209, 143,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7044, 35.0352, 28.6619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 143, 138) }
```

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

```
.background{ background-color: rgb(209,  
143, 138) }
```

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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