

Converting Colors

XYZ(41.9271, 35.4274, 30.6782)

Have a look what the booklet for
XYZ(41.9271, 35.4274, 30.6782)
contains.

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Color

**XYZ(41.7823, 35.3262,
30.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	D48E8F
RGB	212, 142, 143
RGB Percent	83%, 56%, 56%
CMY	0.1686, 0.4431, 0.4392
CMYK	0.00, 0.33, 0.33, 0.17
HSL	359°, 45%, 69%
HSV	359°, 33%, 83%
XYZ	41.7823, 35.3262, 30.6031
YIQ	163.0440, 41.3990, 15.1510

Conversions

Conversions Part 2

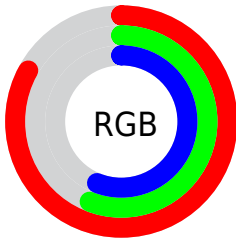
Format	Color
R _Y B	212, 142, 143
Decimal	13930127
CIE Lab	66.00, 26.72, 10.37
CIE LCh	66, 28.666, 21.217
Yxy	35.3262, 0.3879, 0.3280
Android (android.graphics.Color)	4292120207 (0xFFD48E8F)
YUV	163.0440, -9.8817, 42.9344
Hunter-Lab	59.4358, 21.4695, 11.0771

Details

The XYZ color **41.7823, 35.3262, 30.6031** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.4582, 57.5417, 70.2890**, and the grayscale version is **34.8658, 36.6816, 39.9462**.

A 20% lighter version of the original color is **71.0580, 64.7711, 61.5802**, and **19.4272, 15.3404, 12.2930** is the 20% darker color. If you saturate the color by 10%, you get **37.4844, 29.0323, 22.0739**, and if you desaturate by 10%, it is **46.9769, 42.9412, 40.8870**.

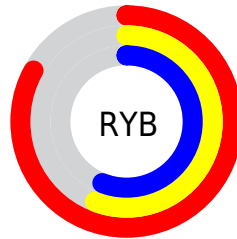
Distribution



Red (83%)

Green (56%)

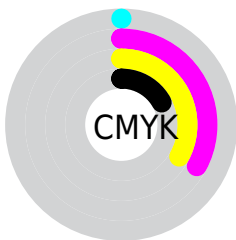
Blue (56%)



Red (83%)

Yellow (56%)

Blue (56%)

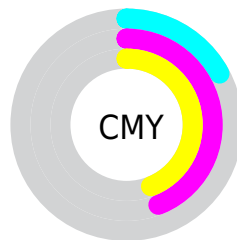


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (17%)



Cyan (17%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7823, 35.3262, 30.6031 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 41.7823, 35.3262, 30.6031 by changing the saturation by 10% instead.


 41.7823, 35.3262,
30.6031


 41.7823, 35.3262,
30.6031


344.5867,
326.0058, 319.0000


 29.1212, 23.9143,
20.0409


 77.1373, 67.9908,
61.6869

 19.3173, 15.2700,
12.2404


 100.5619, 90.0122,
83.0455

 12.0051, 9.0091,
6.7831


 128.3051,
116.3390, 108.8401

 6.8194, 4.7471,
3.2504

160.7321,
147.3554, 139.4890

 3.3947, 2.0997,
1.2239

198.2085,
183.4459, 175.4110

 1.3658, 0.6644,
0.0000

241.0995,

 0.2316, 0.0000,

224.9949, 217.0244

0.0000

289.7704,
272.3867, 264.7479

0.0000, 0.0000,
0.0000

41.7823, 35.3262,
30.6031

41.7823, 35.3262,
30.6031

37.4844, 29.0323,
22.0739

46.9769, 42.9412,
40.8870

34.0298, 23.9795,
15.1994

53.1119, 51.9410,
53.0135

31.3640, 20.0874,
9.8730

60.2316, 62.3915,
67.0676

29.4247, 17.2637,
5.9747

68.3766, 74.3526,
83.1279

28.1406, 15.4024,
3.3669

77.5853, 87.8812,
101.2689

■ 27.4255, 14.3757,
1.8850

■ 80.9614, 92.7371,
108.2407

■ 27.1679, 14.0037,
1.3577

Harmonies

Analogous

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



42.3144, 35.3262, 42.1483



41.7823, 35.3262, 30.6031



38.9578, 35.3262, 22.9569

Triad

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



41.7823, 35.3262, 30.6031



27.6024, 35.3262, 25.5919



32.3445, 35.3262, 66.5287

Complementary

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



41.7823, 35.3262, 30.6031



46.4582, 57.5417, 70.2890

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.



28.7150, 35.3262, 59.7366



41.7823, 35.3262, 30.6031



26.1328, 35.3262, 35.0014

Square

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



41.7823, 35.3262, 30.6031



30.7059, 35.3262, 20.5165



26.5222, 35.3262, 47.5680



36.6206, 35.3262, 64.6566

Rectangle

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



41.7823, 35.3262, 30.6031



36.2761, 35.3262, 20.2937



26.5222, 35.3262, 47.5680



31.0142, 35.3262, 65.1385

Sweetspot

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



41.7832, 35.3279, 30.6038



83.6615, 83.2812, 86.4273



48.3738, 37.9254, 67.0582



17.5913, 17.3622, 17.8755



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.



41.7832, 35.3279, 30.6038



58.5016, 46.3906, 36.6401



47.5276, 46.9367, 32.1480



12.4304, 12.4236, 12.9406



16.7752, 8.6464, 0.8546



1.0144, 0.5225, 0.0651

Inverse Universe

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



41.7832, 35.3279, 30.6038



58.5016, 46.3906, 36.6401



38.9941, 42.4130, 68.4188



12.4304, 12.4236, 12.9406



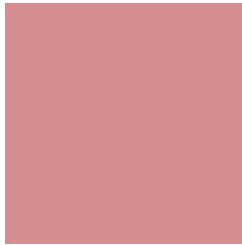
16.7752, 8.6464, 0.8546



1.0144, 0.5225, 0.0651

Previews

White Background



This preview shows how the XYZ color 41.7823, 35.3262, 30.6031 looks on a white background.

Color Contrast Check

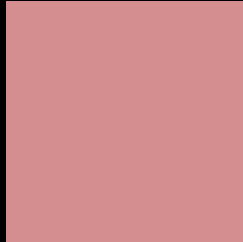
Large Text (above 18pt) WCAG AA × Fail

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 41.7823, 35.3262, 30.6031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

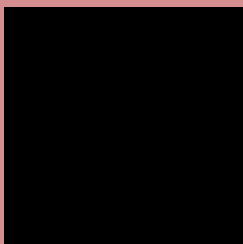
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7823, 35.3262, 30.6031

Background



This preview shows how black text looks on a background with the XYZ color 41.7823, 35.3262, 30.6031.



This preview shows how white text looks on a background with the XYZ color 41.7823, 35.3262,

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

41.7823, 35.3262, 30.6031

Protanopia

34.0465, 35.5485, 35.2041

Deuteranopia

36.2962, 35.5561, 30.1493



Tritanopia

42.5514, 35.4303, 33.8742

Trichromacy



Original Color

41.7823, 35.3262, 30.6031

Protanomaly

36.3445, 35.0197, 33.2777

Deuteranomaly

38.0370, 35.2350, 30.3875

Tritanomaly

42.3107, 35.3340, 32.6071

Monochromacy



Original Color

41.7823, 35.3262, 30.6031

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.7782, 35.6667, 36.3984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7823, 35.3262, 30.6031 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(212, 142, 143)` looks like.

```
.text, #text, p{  
    color:rgb(212, 142, 143)  
}
```

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(212, 142, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 142, 143) }
```

Border

The CSS property to change the border of an element to XYZ 41.7823, 35.3262, 30.6031 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(212, 142, 143) }
```


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

```
.border{ border-color:rgb(212, 142, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 142, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 142, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 142, 143);  
box-shadow:4px 4px 4px 4px rgb(212, 142,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7823, 35.3262, 30.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 142, 143) }
```

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

```
.background{ background-color: rgb(212,  
142, 143) }
```

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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