

Converting Colors

XYZ(47.7425, 41.9686, 35.1219)

Have a look what the booklet for
XYZ(47.7425, 41.9686, 35.1219)
contains.

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Color

**XYZ(47.8487, 41.9105,
35.2734)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9D98
RGB	222, 157, 152
RGB Percent	87%, 62%, 60%
CMY	0.1294, 0.3843, 0.4039
CMYK	0.00, 0.29, 0.32, 0.13
HSL	4°, 51%, 73%
HSV	4°, 32%, 87%
XYZ	47.8487, 41.9105, 35.2734
YIQ	175.8650, 40.3450, 12.2250

Conversions

Conversions Part 2

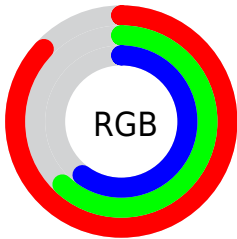
Format	Color
R _{YB}	222, 157, 152
Decimal	14589336
CIE Lab	70.81, 23.58, 12.31
CIE LCh	71, 26.597, 27.574
Yxy	41.9105, 0.3827, 0.3352
Android (android.graphics.Color)	4292779416 (0xFFDE9D98)
YUV	175.8650, -11.7654, 40.4604
Hunter-Lab	64.7383, 18.6390, 13.0120

Details

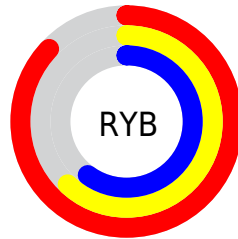
The XYZ color **47.8487, 41.9105, 35.2734** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.9458, 61.5732, 78.3072**, and the grayscale version is **41.2421, 43.3899, 47.2516**.

A 20% lighter version of the original color is **75.9241, 72.8032, 68.4433**, and **22.9176, 19.0421, 14.7795** is the 20% darker color. If you saturate the color by 10%, you get **42.9998, 34.8551, 25.5106**, and if you desaturate by 10%, it is **53.6285, 50.2827, 47.0263**.

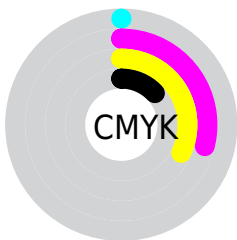
Distribution



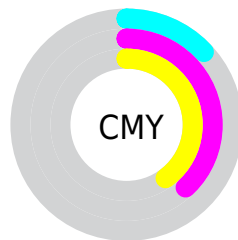
- Red (87%)
- Green (62%)
- Blue (60%)



- Red (87%)
- Yellow (62%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (32%)
- Black (13%)





- Cyan (13%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8487, 41.9105, 35.2734 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 47.8487, 41.9105, 35.2734 by changing the saturation by 10% instead.


 47.8487, 41.9105,
35.2734


 47.8487, 41.9105,
35.2734


368.7847,
354.1118, 340.7143

 33.9178, 29.0312,
23.5883


 86.1901, 78.0642,
69.0655

 22.9931, 19.1044,
14.8191


 111.3314,
102.1073, 92.0095

 14.7091, 11.7458,
8.5473


140.9403,
130.6406, 119.5437

 8.7004, 6.5708,
4.3544

175.3820,
164.0483, 152.0864

 4.6018, 3.1952,
1.8217

215.0219,
202.7149, 190.0563

 2.0479, 1.2345,
0.4422

260.2254,

 0.6607, 0.0896,

247.0247, 233.8719

0.0000

311.3579,
297.3622, 283.9517

■ 0.0000, 0.0000,
0.0000

■ 47.8487, 41.9105,
35.2734

■ 47.8487, 41.9105,
35.2734

■ 42.9998, 34.8551,
25.5106

■ 53.6285, 50.2827,
47.0263

■ 39.0299, 29.0439,
17.6252

■ 60.3809, 60.0275,
60.8684

■ 35.8872, 24.4064,
11.4976

■ 68.1490, 71.2050,
76.8951

■ 33.5131, 20.8626,
6.9927

■ 76.9724, 83.8698,
95.1952

■ 31.8410, 18.3226,
3.9563

■ 83.9343, 94.2697,
108.3798

■ 30.7932, 16.6820,
2.2042

■ 30.3077, 15.8964,
1.4709

Harmonies

Analogous

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



48.9385, 41.9105, 46.6711



47.8487, 41.9105, 35.2734



44.5654, 41.9105, 28.0251

Triad

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



47.8487, 41.9105, 35.2734



33.0862, 41.9105, 33.7921



39.4761, 41.9105, 74.5098

Complementary

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



47.8487, 41.9105, 35.2734



50.9458, 61.5732, 78.3072

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.



35.4512, 41.9105, 69.4018



47.8487, 41.9105, 35.2734



31.9363, 41.9105, 44.6112

Square

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



47.8487, 41.9105, 35.2734



36.0306, 41.9105, 27.2875



32.7695, 41.9105, 57.8460



43.8974, 41.9105, 70.7729

Rectangle

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



47.8487, 41.9105, 35.2734



41.6907, 41.9105, 25.7602



32.7695, 41.9105, 57.8460



38.0346, 41.9105, 73.7524

Sweetspot

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



47.8498, 41.9125, 35.2742



85.1474, 85.7587, 88.4465



53.9206, 43.0137, 71.3340



17.9058, 17.8962, 18.2739



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.



47.8498, 41.9125, 35.2742



60.8803, 50.6522, 38.9610



54.5686, 55.3501, 37.5138



13.7855, 13.8570, 14.2549



18.0318, 9.5015, 0.8836



1.2779, 0.7146, 0.0706

Inverse Universe

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



50.9458, 61.5732, 78.3072



65.7599, 81.6787, 106.9074



42.9305, 45.5424, 75.6354



14.0283, 15.3958, 17.6200



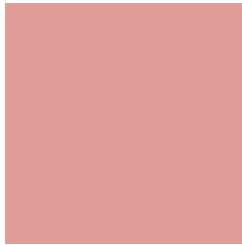
20.9947, 29.4590, 45.6280



1.4807, 2.0929, 3.1712

Previews

White Background



This preview shows how the XYZ color 47.8487, 41.9105, 35.2734 looks on a white background.

Color Contrast Check

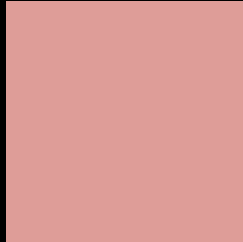
Large Text (above 18pt) WCAG AA × Fail

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 47.8487, 41.9105, 35.2734 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 47.8487, 41.9105, 35.2734

Background



This preview shows how black text looks on a background with the XYZ color 47.8487, 41.9105, 35.2734.



This preview shows how white text looks on a background with the XYZ color 47.8487, 41.9105,

35.2734.

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

47.8487, 41.9105, 35.2734

Protanopia

40.1111, 42.1285, 39.2752

Deuteranopia

42.8769, 41.9816, 34.6976



Tritanopia

49.1278, 41.9207, 42.0614

Trichromacy



Original Color

47.8487, 41.9105, 35.2734

Protanomaly

42.4102, 41.6739, 37.7069

Deuteranomaly

44.4152, 41.6941, 34.9850

Tritanomaly

48.8415, 42.0735, 39.7292

Monochromacy



Original Color

47.8487, 41.9105, 35.2734

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.1553, 42.5034, 42.4887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8487, 41.9105, 35.2734 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(222, 157, 152)` looks like.

```
.text, #text, p{  
    color:rgb(222, 157, 152)  
}
```

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(222, 157, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 157, 152) }
```

Border

The CSS property to change the border of an element to XYZ 47.8487, 41.9105, 35.2734 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(222, 157, 152) }
```


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

```
.border{ border-color:rgb(222, 157, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 157, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 157, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 157, 152);  
box-shadow:4px 4px 4px 4px rgb(222, 157,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8487, 41.9105, 35.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 157, 152) }
```

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

```
.background{ background-color: rgb(222,  
157, 152) }
```

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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