

Converting Colors

XYZ(42.5181, 33.5779, 33.4944)

Have a look what the booklet for
XYZ(42.5181, 33.5779, 33.4944)
contains.

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Color

**XYZ(42.4524, 33.4886,
33.5046)**

Conversions

Conversions Part 1

Format	Color
Hex	D98497
RGB	217, 132, 151
RGB Percent	85%, 52%, 59%
CMY	0.1490, 0.4823, 0.4078
CMYK	0.00, 0.39, 0.30, 0.15
HSL	347°, 53%, 68%
HSV	347°, 39%, 85%
XYZ	42.4524, 33.4886, 33.5046
YIQ	159.5810, 44.5610, 23.9290

Conversions

Conversions Part 2

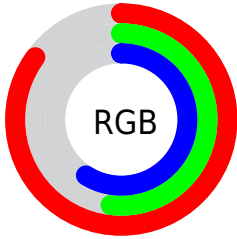
Format	Color
R _Y B	217, 132, 151
Decimal	14255255
CIE Lab	64.55, 34.98, 3.86
CIE LCh	65, 35.195, 6.302
Yxy	33.4886, 0.3879, 0.3060
Android (android.graphics.Color)	4292445335 (0xFFD98497)
YUV	159.5810, -4.2304, 50.3565
Hunter-Lab	57.8693, 29.6746, 6.1814

Details

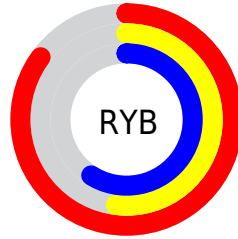
The XYZ color **42.4524, 33.4886, 33.5046** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **44.5231, 58.6092, 62.3952**, and the grayscale version is **33.2262, 34.9565, 38.0677**.

A 20% lighter version of the original color is **69.8184, 60.7856, 65.8106**, and **19.7399, 14.2785, 13.7722** is the 20% darker color. If you saturate the color by 10%, you get **38.5378, 27.6951, 25.9239**, and if you desaturate by 10%, it is **47.1764, 40.5875, 42.3209**.

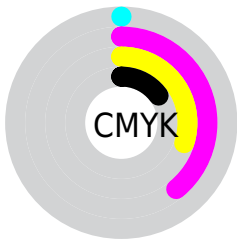
Distribution



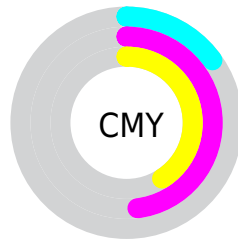
- Red (85%)
- Green (52%)
- Blue (59%)



- Red (85%)
- Yellow (52%)
- Blue (59%)



- Cyan (0%)
- Magenta (39%)
- Yellow (30%)
- Black (15%)





- Cyan (15%)
- Magenta (48%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4524, 33.4886, 33.5046 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 42.4524, 33.4886, 33.5046 by changing the saturation by 10% instead.

 42.4524, 33.4886,
33.5046


 42.4524, 33.4886,
33.5046

347.3147,
317.8457, 332.6189


 29.6484, 22.5010,
22.2390


 78.1447, 65.1376,
66.2876

 19.7186, 14.2255,
13.8326


 101.7637, 86.5678,
88.6421

 12.2977, 8.2777,
7.8669


 129.7184,
112.2477, 115.5300

 7.0204, 4.2731,
3.9234

162.3742,
142.5616, 147.3697

 3.5213, 1.8275,
1.5834

200.0963,
177.8940, 184.5800

 1.4351, 0.5042,
0.2789

243.2502,

 0.2810, 0.0000,

218.6292, 227.5792

0.0000

292.2012,
265.1516, 276.7860

■ 0.0000, 0.0000,
0.0000

■ 42.4524, 33.4886,
33.5046

■ 42.4524, 33.4886,
33.5046

■ 38.5378, 27.6951,
25.9239

■ 47.1764, 40.5875,
42.3209

■ 35.3835, 23.1225,
19.5205

■ 52.7498, 49.0601,
52.4233

■ 32.9389, 19.6837,
14.2343

■ 59.2132, 58.9754,
63.8619

■ 31.1461, 17.2781,
9.9989

■ 66.6038, 70.3966,
76.6835

■ 29.9374, 15.7870,
6.7401

■ 74.9564, 83.3829,
90.9326

■ 29.2084, 15.0203,
4.3659

■ 81.9623, 93.3065,
105.8711

■ 29.1591, 14.9692,
4.2028

■ 82.4253, 93.4917,
108.3092

Harmonies

Analogous

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



41.5409, 33.4886, 48.7781



42.4524, 33.4886, 33.5046



40.2850, 33.4886, 22.3910

Triad

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



42.4524, 33.4886, 33.5046



26.4365, 33.4886, 18.3751



28.0960, 33.4886, 68.1915

Complementary

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



42.4524, 33.4886, 33.5046



44.5231, 58.6092, 62.3952

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.



24.6493, 33.4886, 55.4601



42.4524, 33.4886, 33.5046



23.7641, 33.4886, 26.4182

Square

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



42.4524, 33.4886, 33.5046



30.7793, 33.4886, 15.2678



23.1460, 33.4886, 39.5914



32.9042, 33.4886, 71.5388

Rectangle

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



42.4524, 33.4886, 33.5046



37.5078, 33.4886, 17.9214



23.1460, 33.4886, 39.5914



26.7561, 33.4886, 64.7297

Sweetspot

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



42.4533, 33.4902, 33.5053



82.4608, 80.5696, 86.9835



43.8464, 33.4069, 69.7829



17.3821, 16.8337, 18.1452



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.



42.4533, 33.4902, 33.5053



56.4407, 41.2362, 39.1367



44.4472, 39.7511, 27.1620



13.1746, 13.0989, 14.1807



17.6843, 9.0748, 2.7176



1.1784, 0.6010, 0.3485

Inverse Universe

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



42.4533, 33.4902, 33.5053



56.4407, 41.2362, 39.1367



41.4074, 48.6486, 72.8534



13.1746, 13.0989, 14.1807



17.6843, 9.0748, 2.7176



1.1784, 0.6010, 0.3485

Previews

White Background



This preview shows how the XYZ color 42.4524, 33.4886, 33.5046 looks on a white background.

Color Contrast Check

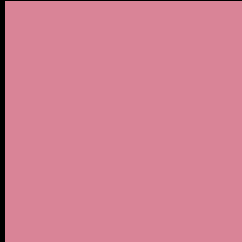
Large Text (above 18pt) WCAG AA × Fail

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 42.4524, 33.4886, 33.5046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

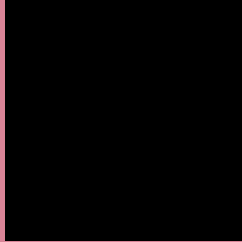
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4524, 33.4886, 33.5046

Background



This preview shows how black text looks on a background with the XYZ color 42.4524, 33.4886, 33.5046.



This preview shows how white text looks on a background with the XYZ color 42.4524, 33.4886,

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

42.4524, 33.4886, 33.5046

Protanopia

32.7805, 33.7626, 40.3864

Deuteranopia

34.4780, 33.8247, 32.7286



Tritanopia

41.6644, 33.3572, 30.2292

Trichromacy



Original Color

42.4524, 33.4886, 33.5046

Protanomaly

35.3693, 32.9892, 37.7611

Deuteranomaly

37.0361, 33.4971, 32.9473

Tritanomaly

41.8947, 33.4493, 31.4424

Monochromacy



Original Color

42.4524, 33.4886, 33.5046

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.0482, 34.0708, 36.5747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4524, 33.4886, 33.5046 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(217, 132, 151)` looks like.

```
.text, #text, p{  
    color:rgb(217, 132, 151)  
}
```

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(217, 132, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 132, 151) }
```

Border

The CSS property to change the border of an element to XYZ 42.4524, 33.4886, 33.5046 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(217, 132, 151) }
```


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

```
.border{ border-color:rgb(217, 132, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 132, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 132, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 132, 151);  
box-shadow:4px 4px 4px 4px rgb(217, 132,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4524, 33.4886, 33.5046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 132, 151) }
```

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

```
.background{ background-color: rgb(217,  
132, 151) }
```

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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