

Converting Colors

XYZ(42.5386, 41.8657, 41.2811)

Have a look what the booklet for
XYZ(42.5386, 41.8657, 41.2811)
contains.

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Color

**XYZ(42.5324, 41.9283,
41.4486)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A8A5
RGB	192, 168, 165
RGB Percent	75%, 66%, 65%
CMY	0.2471, 0.3412, 0.3529
CMYK	0.00, 0.12, 0.14, 0.25
HSL	7°, 18%, 70%
HSV	7°, 14%, 75%
XYZ	42.5324, 41.9283, 41.4486
YIQ	174.8340, 15.2670, 4.1550

Conversions

Conversions Part 2

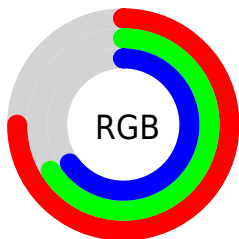
Format	Color
RYB	192, 168, 165
Decimal	12626085
CIELab	70.82, 8.21, 4.74
CIElCh	71, 9.482, 30.020
Yxy	41.9283, 0.3378, 0.3330
Android (android.graphics.Color)	4290816165 (0xFFC0A8A5)
YUV	174.8340, -4.8482, 15.0546
Hunter-Lab	64.7521, 3.9316, 7.3742

Details

The XYZ color **42.5324, 41.9283, 41.4486** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2289, 48.1994, 56.8947**, and the grayscale version is **40.6814, 42.8000, 46.6092**.

A 20% lighter version of the original color is **78.3729, 78.0824, 78.6509**, and **19.7073, 19.0863, 18.2681** is the 20% darker color. If you saturate the color by 10%, you get **37.9683, 35.3897, 31.9429**, and if you desaturate by 10%, it is **47.7747, 49.4025, 52.4758**.

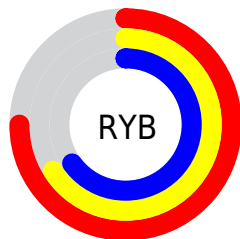
Distribution



Red (75%)

Green (66%)

Blue (65%)



Red (75%)

Yellow (66%)

Blue (65%)

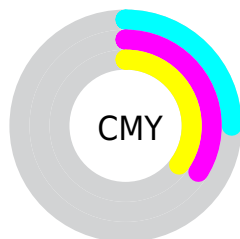


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5324, 41.9283, 41.4486 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 42.5324, 41.9283, 41.4486 by changing the saturation by 10% instead.


 42.5324, 41.9283,
41.4486


 42.5324, 41.9283,
41.4486


347.6394,
354.1856, 367.9241

 29.7113, 29.0452,
28.3474


 78.2649, 78.0911,
78.6255

 19.7666, 19.1150,
18.3464


 101.9070,
102.1395, 103.5383

 12.3327, 11.7534,
11.0270


129.8868,
130.6785, 133.2254

 7.0445, 6.5760,
5.9706

162.5698,
164.0925, 168.1053

 3.5365, 3.1984,
2.7587

200.3211,
202.7658, 208.5966

 1.4434, 1.2362,
0.9728

243.5063,

 0.2869, 0.0909,

247.0828, 255.1178

0.0000

292.4906,
297.4279, 308.0874

■ 0.0000, 0.0000,
0.0000

■ 42.5324, 41.9283,
41.4486

■ 42.5324, 41.9283,
41.4486

■ 37.9683, 35.3897,
31.9429

■ 47.7747, 49.4025,
52.4758

■ 34.0512, 29.7444,
23.8892

■ 53.7177, 57.8412,
65.0843

■ 30.7528, 24.9552,
17.2168

■ 60.3872, 67.2791,
79.3341

■ 28.0412, 20.9804,
11.8479

■ 67.8066, 77.7474,
95.2812

■ 25.8817, 17.7743,
7.6970

■ 75.0169, 88.8835,
107.8102

■ 24.2359, 15.2871,
4.6685

■ 75.5484, 89.9466,
107.9873

■ 23.0603, 13.4629,
2.6521

■ 22.3041, 12.2374,
1.5154

■ 22.0132, 11.7561,
1.1089

Harmonies

Analogous

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



42.9582, 41.9283, 45.6498



42.5324, 41.9283, 41.4486



41.3845, 41.9283, 38.5429

Triad

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



42.5324, 41.9283, 41.4486



37.2849, 41.9283, 41.4534



39.8526, 41.9283, 54.8893

Complementary

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



42.5324, 41.9283, 41.4486



43.2289, 48.1994, 56.8947

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.



38.3570, 41.9283, 53.5873



42.5324, 41.9283, 41.4486



36.8985, 41.9283, 45.6558

Square

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



42.5324, 41.9283, 41.4486



38.3552, 41.9283, 38.5456



37.2859, 41.9283, 50.1321



41.3864, 41.9283, 53.5839

Rectangle

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



42.5324, 41.9283, 41.4486



40.3789, 41.9283, 37.6306



37.2859, 41.9283, 50.1321



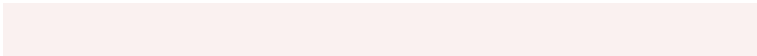
39.3289, 41.9283, 54.7410

Sweetspot

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



42.5336, 41.9302, 41.4495



86.5624, 89.5111, 95.0784



44.4118, 41.8045, 54.0439



18.4063, 18.9694, 20.0506



92.9021, 97.7402, 106.4391



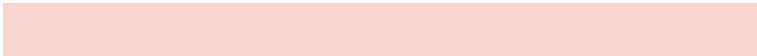
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.5336, 41.9302, 41.4495



74.2812, 71.9892, 69.2794



45.0949, 47.0528, 42.3033



10.1614, 10.2543, 10.5056



14.8417, 7.9692, 0.7560



0.6720, 0.4059, 0.0429

Inverse Universe

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



43.2289, 48.1994, 56.8947



75.7937, 85.6318, 102.8941



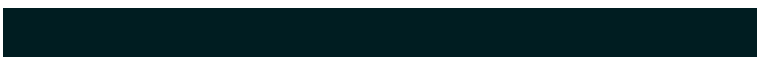
40.5182, 42.7780, 55.9911



10.2698, 11.2309, 12.9113



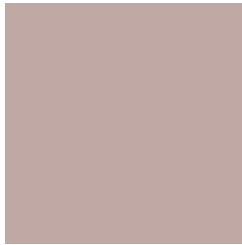
16.1917, 22.1399, 36.9767



0.7274, 1.0122, 1.6069

Previews

White Background



This preview shows how the XYZ color 42.5324, 41.9283, 41.4486 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 42.5324, 41.9283, 41.4486 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

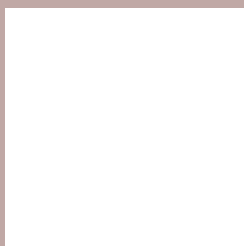
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5324, 41.9283, 41.4486

Background



This preview shows how black text looks on a background with the XYZ color 42.5324, 41.9283, 41.4486.



This preview shows how white text looks on a background with the XYZ color 42.5324, 41.9283,

41.4486.

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

42.5324, 41.9283, 41.4486

Protanopia

40.3716, 42.1793, 43.0594

Deuteranopia

42.7865, 42.0593, 41.4605



Tritanopia

44.0210, 41.9964, 48.4338

Trichromacy



Original Color

42.5324, 41.9283, 41.4486

Protanomaly

41.0664, 41.9831, 42.4983

Deuteranomaly

42.7865, 42.0593, 41.4605

Tritanomaly

43.4510, 42.0309, 45.8671

Monochromacy



Original Color

42.5324, 41.9283, 41.4486

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1593, 42.2691, 44.5175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5324, 41.9283, 41.4486 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(192, 168, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 168, 165)  
}
```

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(192, 168, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 168, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.5324, 41.9283, 41.4486 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(192, 168, 165) }
```


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

```
.border{ border-color:rgb(192, 168, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 168, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 168, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 168, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 168,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5324, 41.9283, 41.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 168, 165) }
```

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

```
.background{ background-color: rgb(192,  
168, 165) }
```

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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