

Converting Colors

XYZ(47.6004, 46.0893, 41.9329)

Have a look what the booklet for
XYZ(47.6004, 46.0893, 41.9329)
contains.

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Color

**XYZ(47.6597, 46.2541,
42.0133)**

Conversions

Conversions Part 1

Format	Color
Hex	CFAEA5
RGB	207, 174, 165
RGB Percent	81%, 68%, 65%
CMY	0.1882, 0.3176, 0.3529
CMYK	0.00, 0.16, 0.20, 0.19
HSL	13°, 30%, 73%
HSV	13°, 20%, 81%
XYZ	47.6597, 46.2541, 42.0133
YIQ	182.8410, 22.5570, 4.1970

Conversions

Conversions Part 2

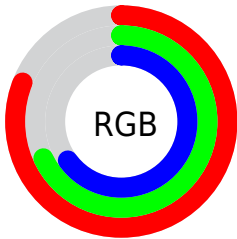
Format	Color
R_{YB}	207, 176, 165
Decimal	13610661
CIE _{Lab}	73.71, 10.55, 9.07
CIE _{LCh}	74, 13.910, 40.690
Yxy	46.2541, 0.3506, 0.3403
Android (android.graphics.Color)	4291800741 (0xFFCFAEA5)
YUV	182.8410, -8.7956, 21.1874
Hunter-Lab	68.0104, 6.0695, 10.9810

Details

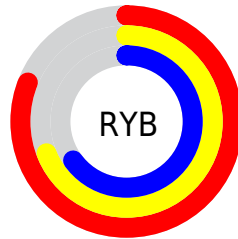
The XYZ color **47.6597, 46.2541, 42.0133** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9732, 52.8912, 66.7651**, and the grayscale version is **44.9616, 47.3032, 51.5131**.

A 20% lighter version of the original color is **82.4551, 83.0209, 79.3889**, and **22.8891, 21.7867, 18.6217** is the 20% darker color. If you saturate the color by 10%, you get **42.9724, 39.6543, 31.8956**, and if you desaturate by 10%, it is **53.0349, 53.7408, 53.8659**.

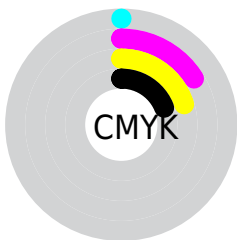
Distribution



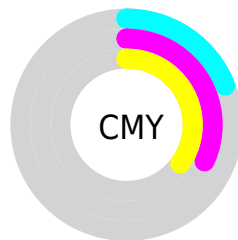
- Red (81%)
- Green (68%)
- Blue (65%)



- Red (81%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (19%)





- Cyan (19%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6597, 46.2541, 42.0133 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 47.6597, 46.2541, 42.0133 by changing the saturation by 10% instead.

 47.6597, 46.2541,
42.0133


 47.6597, 46.2541,
42.0133


368.0468,
371.8293, 370.3394

 33.7676, 32.4464,
28.7861


 85.9103, 84.5992,
79.4901

 22.8772, 21.7027,
18.6749


 110.9995,
109.9053, 104.5767

 14.6230, 13.6386,
11.2611


140.5518,
139.8130, 134.4535

 8.6398, 7.8697,
6.1264

174.9325,
174.7067, 169.5390

 4.5622, 4.0117,
2.8521

214.5070,
214.9708, 210.2518

 2.0249, 1.6801,
1.0196

259.6406,

 0.6479, 0.4107,

260.9896, 257.0105

0.0000

310.6988,
313.1477, 310.2335

■ 0.0000, 0.0000,
0.0000

■ 47.6597, 46.2541,
42.0133

■ 47.6597, 46.2541,
42.0133

■ 42.9724, 39.6543,
31.8956

■ 53.0349, 53.7408,
53.8659

■ 38.9410, 33.9023,
23.4282

■ 59.1208, 62.1394,
67.5266

■ 35.5367, 28.9652,
16.5238

■ 65.9436, 71.4815,
83.0682

■ 32.7268, 24.8055,
11.0859

■ 73.5273, 81.7955,
100.5584

■ 30.4756, 21.3828,
7.0070

■ 79.5423, 92.0055,
108.1743

■ 28.7433, 18.6526,
4.1650

■ 27.4841, 16.5657,
2.4155

■ 26.6471, 15.0950,
1.5092

Harmonies

Analogous

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



48.7921, 46.2541, 47.8842



47.6597, 46.2541, 42.0133



45.5508, 46.2541, 38.5969

Triad

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



47.6597, 46.2541, 42.0133



39.6358, 46.2541, 46.0018



44.8491, 46.2541, 64.9297

Complementary

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



47.6597, 46.2541, 42.0133



46.9732, 52.8912, 66.7651

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.



42.4128, 46.2541, 64.3055



47.6597, 46.2541, 42.0133



39.4638, 46.2541, 52.9255

Square

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



47.6597, 46.2541, 42.0133



40.9419, 46.2541, 40.7464



40.4628, 46.2541, 59.7512



47.1295, 46.2541, 61.3845

Rectangle

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



47.6597, 46.2541, 42.0133



43.9061, 46.2541, 37.9611



40.4628, 46.2541, 59.7512



44.0203, 46.2541, 65.2083

Sweetspot

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



47.6610, 46.2562, 42.0143



88.9682, 91.6227, 95.2004



49.4501, 44.2812, 59.7309



18.9067, 19.4229, 20.0718



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.



47.6610, 46.2562, 42.0143



73.2486, 69.7330, 60.5204



51.9050, 54.7443, 43.4290



12.0112, 12.2132, 12.3364



16.8457, 9.6244, 0.9698



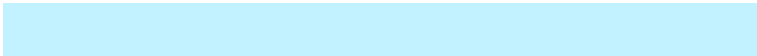
1.0014, 0.6572, 0.0741

Inverse Universe

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



46.9732, 52.8912, 66.7651



71.9632, 82.0957, 106.6609



42.6210, 44.1868, 65.3143



11.9343, 12.9589, 15.1160



15.3770, 19.4006, 40.1267



0.9147, 1.1946, 2.2619

Previews

White Background



This preview shows how the XYZ color 47.6597, 46.2541, 42.0133 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 47.6597, 46.2541, 42.0133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

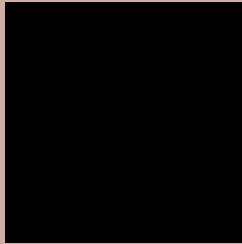
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6597, 46.2541, 42.0133

Background



This preview shows how black text looks on a background with the XYZ color 47.6597, 46.2541, 42.0133.



This preview shows how white text looks on a background with the XYZ color 47.6597, 46.2541,

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

47.6597, 46.2541, 42.0133

Protanopia

44.4243, 46.6037, 44.1901

Deuteranopia

47.2983, 46.3557, 42.0520



Tritanopia

49.5091, 46.1418, 51.6442

Trichromacy



Original Color

47.6597, 46.2541, 42.0133

Protanomaly

45.4940, 46.2700, 43.5790

Deuteranomaly

47.5751, 46.4984, 42.0649

Tritanomaly

48.7008, 46.0893, 47.9243

Monochromacy



Original Color

47.6597, 46.2541, 42.0133

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.8960, 46.9836, 47.7241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6597, 46.2541, 42.0133 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(207, 174, 165)` looks like.

```
.text, #text, p{  
    color:rgb(207, 174, 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(207, 174, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 174, 165) }
```

Border

The CSS property to change the border of an element to XYZ 47.6597, 46.2541, 42.0133 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(207, 174, 165) }
```


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

```
.border{ border-color:rgb(207, 174, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 174, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 174, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 174, 165);  
box-shadow:4px 4px 4px 4px rgb(207, 174,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6597, 46.2541, 42.0133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 174, 165) }
```

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

```
.background{ background-color: rgb(207,  
174, 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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