

Converting Colors

XYZ(42.8386, 41.5531, 41.5918)

Have a look what the booklet for
XYZ(42.8386, 41.5531, 41.5918)
contains.

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Color

**XYZ(42.6759, 41.4584,
41.3503)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A6A5
RGB	194, 166, 165
RGB Percent	76%, 65%, 65%
CMY	0.2392, 0.3490, 0.3529
CMYK	0.00, 0.14, 0.15, 0.24
HSL	2°, 19%, 70%
HSV	2°, 15%, 76%
XYZ	42.6759, 41.4584, 41.3503
YIQ	174.2580, 17.0090, 5.6250

Conversions

Conversions Part 2

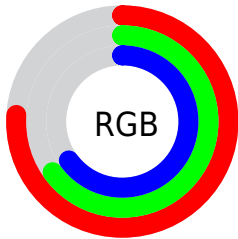
Format	Color
RYB	194, 166, 165
Decimal	12756645
CIELab	70.50, 10.04, 4.30
CIElCh	70, 10.924, 23.165
Yxy	41.4584, 0.3401, 0.3304
Android (android.graphics.Color)	4290946725 (0xFFC2A6A5)
YUV	174.2580, -4.5642, 17.3137
Hunter-Lab	64.3882, 5.6288, 6.9955

Details

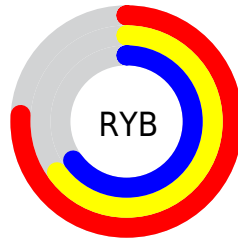
The XYZ color **42.6759, 41.4584, 41.3503** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.3243, 50.0332, 58.3606**, and the grayscale version is **40.3823, 42.4853, 46.2665**.

A 20% lighter version of the original color is **78.5584, 77.3894, 78.5073**, and **19.8132, 18.8023, 18.2077** is the 20% darker color. If you saturate the color by 10%, you get **37.8823, 34.4858, 31.6915**, and if you desaturate by 10%, it is **48.2354, 49.5335, 52.5869**.

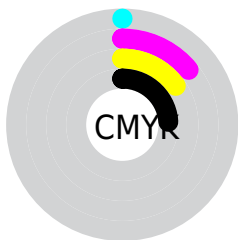
Distribution



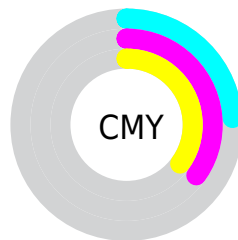
- Red (76%)
- Green (65%)
- Blue (65%)



- Red (76%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (24%)





- Cyan (24%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6759, 41.4584, 41.3503 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 42.6759, 41.4584, 41.3503 by changing the saturation by 10% instead.


 42.6759, 41.4584,
41.3503


 42.6759, 41.4584,
41.3503


348.2214,
352.2329, 367.5025

 29.8243, 28.6774,
28.2711


 78.4803, 77.3793,
78.4748

 19.8527, 18.8369,
18.2893


 102.1639,
101.2880, 103.3573

 12.3956, 11.5525,
10.9863


130.1888,
129.6747, 133.0112

 7.0878, 6.4398,
5.9436

162.9204,
162.9239, 167.8552

 3.5639, 3.1143,
2.7426

200.7242,
201.4199, 208.3078

 1.4585, 1.1917,
0.9647

243.9653,

 0.2973, 0.0549,

245.5471, 254.7875

0.0000

293.0093,
295.6900, 307.7129

■ 0.0000, 0.0000,
0.0000

■ 42.6759, 41.4584,
41.3503

■ 42.6759, 41.4584,
41.3503

■ 37.8823, 34.4858,
31.6915

■ 48.2354, 49.5335,
52.5869

■ 33.8180, 28.5625,
23.5375

■ 54.5888, 58.7500,
65.4646

■ 30.4481, 23.6396,
16.8132

■ 61.7668, 69.1520,
80.0467

■ 27.7338, 19.6617,
11.4363

■ 69.7973, 80.7794,
96.3921

■ 25.6325, 16.5684,
7.3160

■ 76.0583, 90.2094,
108.0112

■ 24.0964, 14.2921,
4.3504

■ 23.0708, 12.7556,
2.4216

■ 22.4899, 11.8667,
1.3866

■ 22.3212, 11.6152,
1.0655

Harmonies

Analogous

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



42.9450, 41.4584, 46.3320



42.6759, 41.4584, 41.3503



41.5181, 41.4584, 37.6582

Triad

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



42.6759, 41.4584, 41.3503



36.6973, 41.4584, 39.4516



38.9942, 41.4584, 55.7239

Complementary

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



42.6759, 41.4584, 41.3503



44.3243, 50.0332, 58.3606

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.



37.3647, 41.4584, 53.5550



42.6759, 41.4584, 41.3503



36.0650, 41.4584, 43.9709

Square

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



42.6759, 41.4584, 41.3503



38.0581, 41.4584, 36.6217



36.3056, 41.4584, 49.1569



40.7833, 41.4584, 54.8889

Rectangle

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



42.6759, 41.4584, 41.3503



40.4166, 41.4584, 36.2968



36.3056, 41.4584, 49.1569



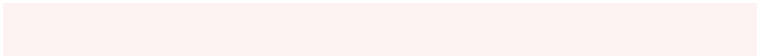
38.4103, 41.4584, 55.3169

Sweetspot

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



42.6770, 41.4603, 41.3512



88.3493, 91.1342, 97.2160



45.3331, 42.2319, 56.2343



19.1654, 19.6930, 20.9204



0.0000, 0.0000, 0.0000



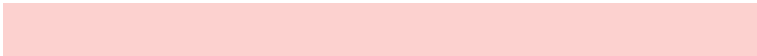
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6770, 41.4603, 41.3512



74.2696, 70.6809, 68.7656



45.4558, 47.0177, 42.2774



10.1005, 10.1325, 10.4853



14.6878, 7.6614, 0.7047



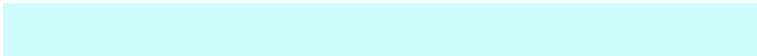
0.6445, 0.3507, 0.0337

Inverse Universe

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



44.3243, 50.0332, 58.3606



77.8356, 89.2413, 105.5927



41.2819, 43.9484, 57.3465



10.3377, 11.3667, 12.9340



18.1386, 26.0336, 37.6256



0.7932, 1.1438, 1.6289

Previews

White Background



This preview shows how the XYZ color 42.6759, 41.4584, 41.3503 looks on a white background.

Color Contrast Check

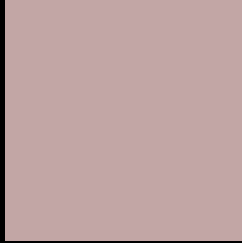
Large Text (above 18pt) WCAG AA × Fail

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 42.6759, 41.4584, 41.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

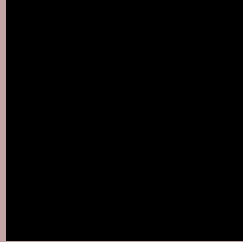
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6759, 41.4584, 41.3503

Background



This preview shows how black text looks on a background with the XYZ color 42.6759, 41.4584, 41.3503.



This preview shows how white text looks on a background with the XYZ color 42.6759, 41.4584,

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

42.6759, 41.4584, 41.3503

Protanopia

39.9519, 41.6793, 42.9850

Deuteranopia

42.3485, 41.5605, 41.3873



Tritanopia

43.9762, 41.4610, 47.2799

Trichromacy



Original Color

42.6759, 41.4584, 41.3503

Protanomaly

40.8782, 41.6068, 42.4356

Deuteranomaly

42.6026, 41.6915, 41.3992

Tritanomaly

43.5036, 41.5295, 45.2583

Monochromacy



Original Color

42.6759, 41.4584, 41.3503

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.9697, 41.8899, 44.4543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6759, 41.4584, 41.3503 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(194, 166, 165)` looks like.

```
.text, #text, p{  
    color:rgb(194, 166, 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(194, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 166, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.6759, 41.4584, 41.3503 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(194, 166, 165) }
```


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

```
.border{ border-color:rgb(194, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(194, 166,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6759, 41.4584, 41.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 166, 165) }
```

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

```
.background{ background-color: rgb(194,  
166, 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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