

Converting Colors

XYZ(42.8681, 42.1875, 35.5180)

Have a look what the booklet for
XYZ(42.8681, 42.1875, 35.5180)
contains.

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Color

**XYZ(42.9588, 42.2780,
35.6021)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A898
RGB	198, 168, 152
RGB Percent	78%, 66%, 60%
CMY	0.2235, 0.3412, 0.4039
CMYK	0.00, 0.15, 0.23, 0.22
HSL	21°, 29%, 69%
HSV	21°, 23%, 78%
XYZ	42.9588, 42.2780, 35.6021
YIQ	175.1460, 23.0160, 1.3840

Conversions

Conversions Part 2

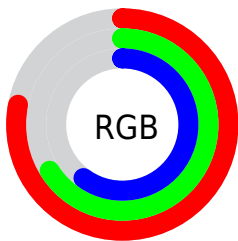
Format	Color
RYB	198, 177, 152
Decimal	13019288
CIELab	71.06, 8.45, 12.32
CIElCh	71, 14.939, 55.571
Yxy	42.2780, 0.3555, 0.3499
Android (android.graphics.Color)	4291209368 (0xFFC6A898)
YUV	175.1460, -11.4110, 20.0430
Hunter-Lab	65.0215, 4.1447, 13.0512

Details

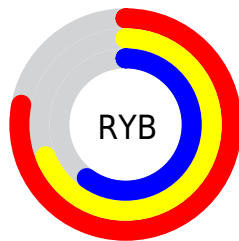
The XYZ color **42.9588, 42.2780, 35.6021** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.8695, 44.2074, 59.8578**, and the grayscale version is **40.8729, 43.0015, 46.8286**.

A 20% lighter version of the original color is **78.7683, 78.4916, 69.3914**, and **20.0960, 19.3597, 14.9895** is the 20% darker color. If you saturate the color by 10%, you get **39.2043, 37.1511, 27.0067**, and if you desaturate by 10%, it is **47.2230, 47.9905, 45.7040**.

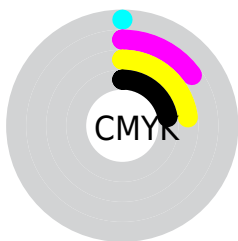
Distribution



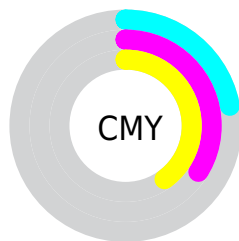
- Red (78%)
- Green (66%)
- Blue (60%)



- Red (78%)
- Yellow (69%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9588, 42.2780, 35.6021 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 42.9588, 42.2780, 35.6021 by changing the saturation by 10% instead.


 42.9588, 42.2780,
35.6021

 42.9588, 42.2780,
35.6021


349.3667,
355.6341, 342.2027

 30.0472, 29.3190,
23.8398


 78.9048, 78.6202,
69.5796

 20.0226, 19.3223,
15.0037


 102.6698,
102.7722, 92.6319

 12.5199, 11.9034,
8.6753

130.7834,
131.4240, 120.2845

 7.1735, 6.6779,
4.4361

163.6109,
164.9601, 152.9561

 3.6181, 3.2615,
1.8675

201.5176,
203.7647, 191.0652

 1.4884, 1.2697,
0.4719

244.8689,

 0.3180, 0.1176,

248.2223, 235.0303

0.0000

294.0302,
298.7173, 285.2699

■ 0.0000, 0.0000,
0.0000

■ 42.9588, 42.2780,
35.6021

■ 42.9588, 42.2780,
35.6021

■ 39.2043, 37.1511,
27.0067

■ 47.2230, 47.9905,
45.7040

■ 35.9359, 32.5849,
19.8421

■ 52.0126, 54.3008,
57.3777

■ 33.1329, 28.5610,
14.0301

■ 57.3467, 61.2284,
70.6880

■ 30.7717, 25.0580,
9.4837

■ 63.2426, 68.7898,
85.6952

■ 28.8263, 22.0527,
6.1056

■ 69.7166, 77.0010,
102.4563

■ 27.2677, 19.5199,
3.7842

■ 74.1346, 84.8174,
107.0718

■ 26.0619, 17.4316,
2.3855

■ 77.0988, 90.7458,
108.0599

■ 25.4099, 16.2481,
1.7969

Harmonies

Analogous

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



44.6703, 42.2780, 40.3523



42.9588, 42.2780, 35.6021



40.5557, 42.2780, 33.6451

Triad

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



42.9588, 42.2780, 35.6021



35.5866, 42.2780, 44.9804



42.2912, 42.2780, 59.5778

Complementary

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



42.9588, 42.2780, 35.6021



39.8695, 44.2074, 59.8578

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.



39.8145, 42.2780, 61.1414



42.9588, 42.2780, 35.6021



36.0086, 42.2780, 52.2245

Square

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



42.9588, 42.2780, 35.6021



36.3541, 42.2780, 38.6919



37.5313, 42.2780, 58.3262



44.2738, 42.2780, 54.2497

Rectangle

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



42.9588, 42.2780, 35.6021



38.9094, 42.2780, 34.0226



37.5313, 42.2780, 58.3262



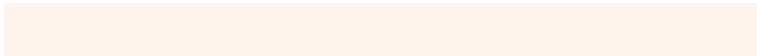
41.4860, 42.2780, 60.5831

Sweetspot

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



42.9599, 42.2799, 35.6030



88.7065, 91.7002, 93.2603



43.0299, 37.8678, 49.6597



18.8746, 19.4799, 19.6875



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.



42.9599, 42.2799, 35.6030



72.5133, 70.0309, 54.8233



47.4422, 51.2445, 37.0971



10.9306, 11.2304, 11.1543



16.5975, 10.7121, 1.1929



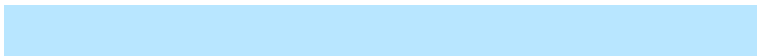
0.8538, 0.6429, 0.0791

Inverse Universe

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



39.8695, 44.2074, 59.8578



66.0626, 74.0433, 105.4177



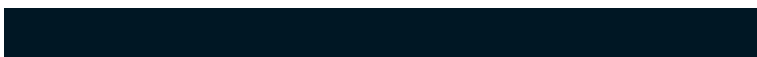
35.6555, 35.7794, 58.4531



10.6241, 11.4223, 13.5623



11.8263, 13.0466, 36.6393



0.6259, 0.7495, 1.7568

Previews

White Background



This preview shows how the XYZ color 42.9588, 42.2780, 35.6021 looks on a white background.

Color Contrast Check

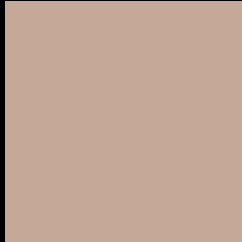
Large Text (above 18pt) WCAG AA × Fail

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 42.9588, 42.2780, 35.6021 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 42.9588, 42.2780, 35.6021

Background



This preview shows how black text looks on a background with the XYZ color 42.9588, 42.2780, 35.6021.



This preview shows how white text looks on a background with the XYZ color 42.9588, 42.2780,

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

42.9588, 42.2780, 35.6021

Protanopia

40.3439, 42.5837, 37.1035

Deuteranopia

43.2233, 42.4144, 35.6144



Tritanopia

45.2987, 42.1428, 47.3418

Trichromacy



Original Color

42.9588, 42.2780, 35.6021

Protanomaly

41.3243, 42.5295, 36.6028

Deuteranomaly

43.2233, 42.4144, 35.6144

Tritanomaly

44.3424, 42.0168, 42.8187

Monochromacy



Original Color

42.9588, 42.2780, 35.6021

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2560, 42.3623, 42.5615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9588, 42.2780, 35.6021 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(198, 168, 152)` looks like.

```
.text, #text, p{  
    color:rgb(198, 168, 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(198, 168, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 168, 152) }
```

Border

The CSS property to change the border of an element to XYZ 42.9588, 42.2780, 35.6021 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(198, 168, 152) }
```


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

```
.border{ border-color:rgb(198, 168, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 168, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 168, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 168, 152);  
box-shadow:4px 4px 4px 4px rgb(198, 168,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9588, 42.2780, 35.6021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 168, 152) }
```

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

```
.background{ background-color: rgb(198,  
168, 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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