

Converting Colors

XYZ(42.6225, 42.2828, 33.6907)

Have a look what the booklet for
XYZ(42.6225, 42.2828, 33.6907)
contains.

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Color

**XYZ(42.5578, 42.1176,
33.4902)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A893
RGB	198, 168, 147
RGB Percent	78%, 66%, 58%
CMY	0.2235, 0.3412, 0.4235
CMYK	0.00, 0.15, 0.26, 0.22
HSL	25°, 31%, 68%
HSV	25°, 26%, 78%
XYZ	42.5578, 42.1176, 33.4902
YIQ	174.5760, 24.6210, -0.1710

Conversions

Conversions Part 2

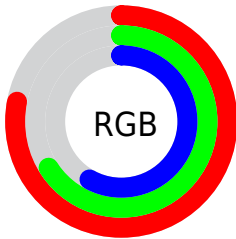
Format	Color
R_{YB}	198, 183, 147
Decimal	13019283
CIE _{Lab}	70.95, 7.72, 14.91
CIE _{LCh}	71, 16.794, 62.618
Yxy	42.1176, 0.3602, 0.3564
Android (android.graphics.Color)	4291209363 (0xFFC6A893)
YUV	174.5760, -13.5950, 20.5428
Hunter-Lab	64.8981, 3.4822, 14.8325

Details

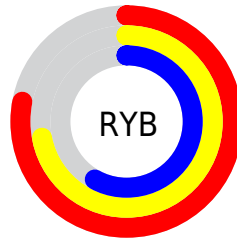
The XYZ color **42.5578, 42.1176, 33.4902** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9474, 41.7234, 59.4797**, and the grayscale version is **40.5885, 42.7022, 46.5027**.

A 20% lighter version of the original color is **78.1703, 78.2524, 66.2425**, and **19.6844, 19.1750, 13.7300** is the 20% darker color. If you saturate the color by 10%, you get **39.0816, 37.4411, 25.3145**, and if you desaturate by 10%, it is **46.4963, 47.2901, 43.1403**.

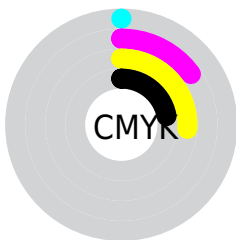
Distribution



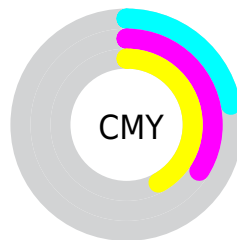
- Red (78%)
- Green (66%)
- Blue (58%)



- Red (78%)
- Yellow (72%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (22%)




- Cyan (22%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5578, 42.1176, 33.4902 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 42.5578, 42.1176, 33.4902 by changing the saturation by 10% instead.

 42.5578, 42.1176,
33.4902


 42.5578, 42.1176,
33.4902


347.7425,
354.9702, 332.5523

 29.7313, 29.1934,
22.2280


 78.3030, 78.3776,
66.2649

 19.7818, 19.2272,
13.8246

 101.9525,
102.4821, 88.6145

 12.3439, 11.8345,
7.8614

129.9403,
131.0823, 115.4971

 7.0522, 6.6311,
3.9199

162.6319,
164.5623, 147.3311

 3.5414, 3.2325,
1.5815

200.3925,
203.3068, 184.5351

 1.4461, 1.2543,
0.2776

243.5876,

 0.2887, 0.1054,

247.7000, 227.5276

0.0000

292.5824,
298.1263, 276.7272

■ 0.0000, 0.0000,
0.0000

■ 42.5578, 42.1176,
33.4902

■ 42.5578, 42.1176,
33.4902

■ 39.0816, 37.4411,
25.3145

■ 46.4963, 47.2901,
43.1403

■ 36.0455, 33.2393,
18.5369

■ 50.9112, 52.9675,
54.3307

■ 33.4307, 29.4976,
13.0777

■ 55.8204, 59.1658,
67.1266

■ 31.2150, 26.1985,
8.8487

■ 61.2394, 65.8987,
81.5886

■ 29.3743, 23.3231,
5.7500

■ 67.1832, 73.1790,
97.7740

■ 27.8808, 20.8507,
3.6664

■ 71.8779, 80.3039,
106.3196

■ 26.7016, 18.7577,
2.4545

■ 75.3766, 87.3014,
107.4858

■ 26.2719, 17.9720,
2.0843

■ 77.0988, 90.7458,
108.0599

Harmonies

Analogous

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



44.7373, 42.1176, 38.0431



42.5578, 42.1176, 33.4902



39.7862, 42.1176, 32.1221

Triad

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



42.5578, 42.1176, 33.4902



34.8929, 42.1176, 46.5665



43.0028, 42.1176, 60.1030

Complementary

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



42.5578, 42.1176, 33.4902



37.9474, 41.7234, 59.4797

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.



40.2778, 42.1176, 63.0414



42.5578, 42.1176, 33.4902



35.6679, 42.1176, 54.6780

Square

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



42.5578, 42.1176, 33.4902



35.4408, 42.1176, 39.1298



37.6072, 42.1176, 60.9501



45.0025, 42.1176, 53.3184

Rectangle

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



42.5578, 42.1176, 33.4902



37.9974, 42.1176, 33.0531



37.6072, 42.1176, 60.9501



42.1369, 42.1176, 61.6068

Sweetspot

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



42.5589, 42.1195, 33.4911



88.2287, 91.3372, 91.2743



41.7186, 36.0720, 46.6734



18.6238, 19.2158, 18.8718



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.



42.5589, 42.1195, 33.4911



71.7510, 69.7516, 50.7301



47.6033, 52.2084, 35.1726



10.9866, 11.3424, 11.1730



17.1651, 11.8473, 1.3821



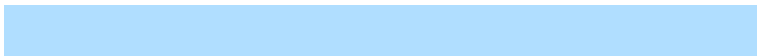
0.8838, 0.7030, 0.0891

Inverse Universe

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



37.9474, 41.7234, 59.4797



62.1825, 68.9229, 104.6338



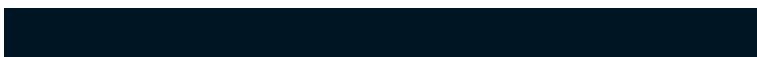
33.4706, 32.7697, 57.9874



10.5664, 11.3068, 13.5430



10.8105, 11.0149, 36.3007



0.5820, 0.6618, 1.7422

Previews

White Background



This preview shows how the XYZ color 42.5578, 42.1176, 33.4902 looks on a white background.

Color Contrast Check

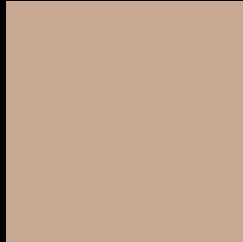
Large Text (above 18pt) WCAG AA × Fail

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 42.5578, 42.1176, 33.4902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

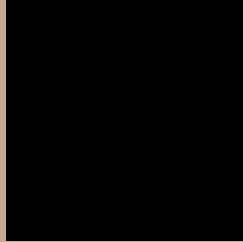
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5578, 42.1176, 33.4902

Background



This preview shows how black text looks on a background with the XYZ color 42.5578, 42.1176, 33.4902.



This preview shows how white text looks on a background with the XYZ color 42.5578, 42.1176,

33.4902.

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

42.5578, 42.1176, 33.4902

Protanopia

39.7400, 42.0342, 34.8731

Deuteranopia

42.9046, 42.0234, 33.4538



Tritanopia

45.1993, 42.1030, 46.8187

Trichromacy



Original Color

42.5578, 42.1176, 33.4902

Protanomaly

40.7268, 41.9871, 34.3916

Deuteranomaly

42.6384, 41.8861, 33.4413

Tritanomaly

44.0661, 41.9062, 41.3635

Monochromacy



Original Color

42.5578, 42.1176, 33.4902

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0725, 42.2889, 41.5951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5578, 42.1176, 33.4902 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(198, 168, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 168, 147) }
```

Border

The CSS property to change the border of an element to XYZ 42.5578, 42.1176, 33.4902 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, 147) }
```


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

```
.border{ border-color:rgb(198, 168, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 168, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 168, 147);  
box-shadow:4px 4px 4px 4px rgb(198, 168,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5578, 42.1176, 33.4902 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, 147) }
```

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

```
.background{ background-color: rgb(198,  
168, 147) }
```

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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