

Converting Colors

XYZ(28.0546, 21.3989, 21.3914)

Have a look what the booklet for
XYZ(28.0546, 21.3989, 21.3914)
contains.

XYZ(28.0539, 21.3980, 21.3905)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.0539, 21.3980,
21.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	B7687B
RGB	183, 104, 123
RGB Percent	72%, 41%, 48%
CMY	0.2824, 0.5921, 0.5176
CMYK	0.00, 0.43, 0.33, 0.28
HSL	346°, 35%, 56%
HSV	346°, 43%, 72%
XYZ	28.0539, 21.3980, 21.3905
YIQ	129.7870, 40.9850, 22.6570

Conversions

Conversions Part 2

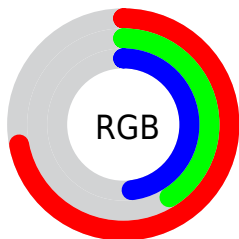
Format	Color
R_{YB}	183, 104, 123
Decimal	12019835
CIE _{Lab}	53.38, 33.84, 3.36
CIE _{LCh}	53, 34.010, 5.669
Yxy	21.3980, 0.3960, 0.3021
Android (android.graphics.Color)	4290209915 (0xFFB7687B)
YUV	129.7870, -3.3460, 46.6678
Hunter-Lab	46.2580, 27.3028, 4.9638

Details

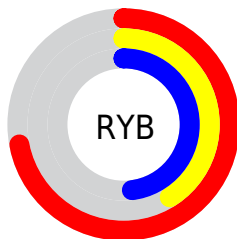
The XYZ color **28.0539, 21.3980, 21.3905** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.3443, 39.4909, 41.2000**, and the grayscale version is **21.1448, 22.2459, 24.2258**.

A 20% lighter version of the original color is **56.0705, 45.9099, 46.4637**, and **11.4573, 7.7219, 7.3652** is the 20% darker color. If you saturate the color by 10%, you get **25.5985, 17.7822, 16.5797**, and if you desaturate by 10%, it is **31.0337, 25.8647, 26.9861**.

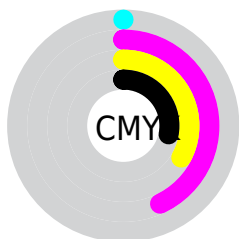
Distribution



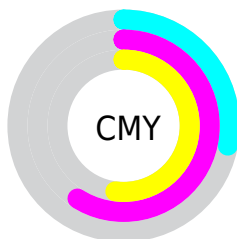
- Red (72%)
- Green (41%)
- Blue (48%)



- Red (72%)
- Yellow (41%)
- Blue (48%)



- Cyan (0%)
- Magenta (43%)
- Yellow (33%)
- Black (28%)





- Cyan (28%)
- Magenta (59%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0539, 21.3980, 21.3905 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 28.0539, 21.3980, 21.3905 by changing the saturation by 10% instead.


 28.0539, 21.3980,
21.3905


 28.0539, 21.3980,
21.3905


284.7998,
259.3861, 272.1955


 18.5070, 13.4152,
13.2157

 55.9785, 45.7490,
46.6257


 11.4165, 7.7151,
7.4448


 75.0869, 62.8860,
64.5233

 6.4170, 3.9132,
3.6592


 98.1132, 83.8432,
86.4988

 3.1433, 1.6251,
1.4403

 125.4226,
109.0050, 112.9709

 1.2300, 0.3744,
0.1728

157.3807,
138.7558, 144.3581

 0.1299, 0.0000,
0.0000

194.3526,

 0.0000, 0.0000,

173.4800, 181.0788

0.0000

236.7039,
213.5620, 223.5518

■ 28.0539, 21.3980,
21.3905

■ 28.0539, 21.3980,
21.3905

■ 25.5985, 17.7822,
16.5797

■ 31.0337, 25.8647,
26.9861

■ 23.6345, 14.9598,
12.5165

■ 34.5649, 31.2287,
33.3989

■ 22.1277, 12.8713,
9.1623


■ 38.6745, 37.5367,
40.6609

■ 21.0386, 11.4472,
6.4744


■ 43.3873, 44.8312,
48.8019


■ 20.3204, 10.6043,
4.4050

■ 48.7267, 53.1522,
57.8503

 19.9832, 10.2492,
3.3084

 54.7147, 62.5375,
67.8333

 61.3724, 73.0229,
78.7769

 68.7197, 84.6425,
90.7059

 72.2467, 88.3706,
102.1347

Harmonies

Analogous

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



27.3384, 21.3980, 32.4829



28.0539, 21.3980, 21.3905



26.5121, 21.3980, 13.5262

Triad

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



28.0539, 21.3980, 21.3905



16.5545, 21.3980, 10.5964



17.6111, 21.3980, 46.5017

Complementary

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



28.0539, 21.3980, 21.3905



29.3443, 39.4909, 41.2000

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.



15.2058, 21.3980, 36.9133



28.0539, 21.3980, 21.3905



14.6482, 21.3980, 16.0328

Square

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



28.0539, 21.3980, 21.3905



19.6604, 21.3980, 8.5909



14.1852, 21.3980, 25.3173



21.0313, 21.3980, 49.1961

Rectangle

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



28.0539, 21.3980, 21.3905



24.5078, 21.3980, 10.4398



14.1852, 21.3980, 25.3173



16.6705, 21.3980, 43.8634

Sweetspot

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



28.0545, 21.3991, 21.3909



69.2273, 67.1689, 72.7565



28.6539, 21.1337, 47.3687



14.9115, 14.2523, 15.4066



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.0545, 21.3991, 21.3909



45.9683, 32.0250, 29.9385



29.2043, 25.4206, 16.4655



9.0908, 9.0467, 9.8255



13.9637, 7.1592, 2.4296



0.5172, 0.2624, 0.2171

Inverse Universe

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



28.0545, 21.3991, 21.3909



45.9683, 32.0250, 29.9385



27.3986, 32.6460, 49.6570



9.0908, 9.0467, 9.8255



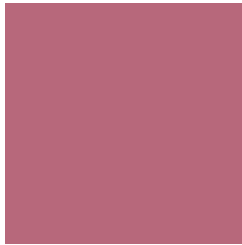
13.9637, 7.1592, 2.4296



0.5172, 0.2624, 0.2171

Previews

White Background



This preview shows how the XYZ color 28.0539, 21.3980, 21.3905 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0539, 21.3980, 21.3905 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 × Fail

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

XYZ 28.0539, 21.3980, 21.3905

Background



This preview shows how black text looks on a background with the XYZ color 28.0539, 21.3980, 21.3905.



This preview shows how white text looks on a background with the XYZ color 28.0539, 21.3980,

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

28.0539, 21.3980, 21.3905

Protanopia

20.9354, 21.5455, 26.3478

Deuteranopia

21.9255, 21.6110, 20.7850



Tritanopia

27.4261, 21.4454, 18.3166

Trichromacy



Original Color

28.0539, 21.3980, 21.3905

Protanomaly

22.9063, 21.1282, 24.3436

Deuteranomaly

23.9130, 21.3722, 20.9540

Tritanomaly

27.5539, 21.3326, 19.4950

Monochromacy



Original Color

28.0539, 21.3980, 21.3905

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.0626, 21.5966, 23.0317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0539, 21.3980, 21.3905 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(183, 104, 123)` looks like.

```
.text, #text, p{  
    color:rgb(183, 104, 123)  
}
```

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(183, 104, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 104, 123) }
```

Border

The CSS property to change the border of an element to XYZ 28.0539, 21.3980, 21.3905 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(183, 104, 123) }
```


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

```
.border{ border-color:rgb(183, 104, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 104, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 104, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 104, 123);  
box-shadow:4px 4px 4px 4px rgb(183, 104,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0539, 21.3980, 21.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 104, 123) }
```

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

```
.background{ background-color: rgb(183,  
104, 123) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor