

Converting Colors

XYZ(28.4987, 22.3398, 25.8232)

Have a look what the booklet for
XYZ(28.4987, 22.3398, 25.8232)
contains.

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Color

**XYZ(28.4322, 22.2703,
25.7217)**

Conversions

Conversions Part 1

Format	Color
Hex	B36D87
RGB	179, 109, 135
RGB Percent	70%, 43%, 53%
CMY	0.2980, 0.5725, 0.4706
CMYK	0.00, 0.39, 0.25, 0.30
HSL	338°, 32%, 56%
HSV	338°, 39%, 70%
XYZ	28.4322, 22.2703, 25.7217
YIQ	132.8940, 33.3740, 22.9260

Conversions

Conversions Part 2

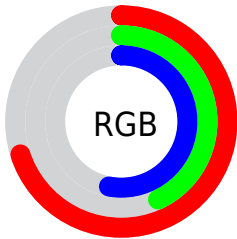
Format	Color
R _Y B	179, 109, 135
Decimal	11758983
CIE Lab	54.31, 31.32, -2.41
CIE LCh	54, 31.416, 355.606
Yxy	22.2703, 0.3720, 0.2914
Android (android.graphics.Color)	4289949063 (0xFFB36D87)
YUV	132.8940, 1.0383, 40.4350
Hunter-Lab	47.1914, 24.9589, 0.7180

Details

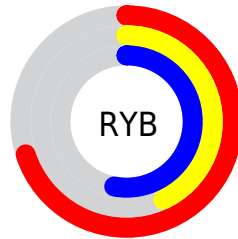
The XYZ color **28.4322, 22.2703, 25.7217** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.1776, 37.7918, 35.9484**, and the grayscale version is **22.2442, 23.4027, 25.4855**.

A 20% lighter version of the original color is **56.5895, 47.3044, 53.7250**, and **11.5158, 8.0689, 9.5448** is the 20% darker color. If you saturate the color by 10%, you get **25.9627, 18.5327, 21.1943**, and if you desaturate by 10%, it is **31.3755, 26.8211, 30.8207**.

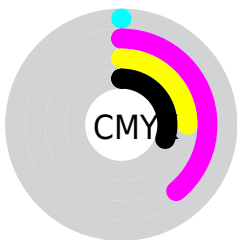
Distribution



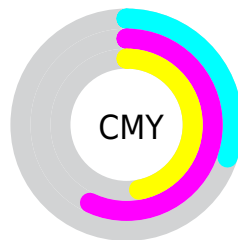
- Red (70%)
- Green (43%)
- Blue (53%)



- Red (70%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (25%)
- Black (30%)





- Cyan (30%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4322, 22.2703, 25.7217 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 28.4322, 22.2703, 25.7217 by changing the saturation by 10% instead.

 28.4322, 22.2703,
25.7217


 28.4322, 22.2703,
25.7217

286.5692,
263.9546, 294.9751


 18.7938, 14.0556,
16.3917


 56.5776, 47.1923,
53.8042


 11.6245, 8.1594,
9.6444


 75.8153, 64.6685,
73.3937

 6.5589, 4.1971,
5.0613


 98.9835, 86.0007,
97.2402

 3.2317, 1.7844,
2.2239

 126.4475,
111.5732, 125.7621

 1.2774, 0.4774,
0.6881

158.5727,
141.7704, 159.3780

 0.1662, 0.0000,
0.0000

195.7245,

 0.0000, 0.0000,

176.9768, 198.5065

0.0000

238.2682,
217.5767, 243.5660

■ 28.4322, 22.2703,
25.7217

■ 28.4322, 22.2703,
25.7217

■ 25.9627, 18.5327,
21.1943

■ 31.3755, 26.8211,
30.8207

■ 23.9388, 15.5567,
17.2156

■ 34.8151, 32.2266,
36.5101

■ 22.3321, 13.2895,
13.7629


■ 38.7739, 38.5289,
42.8098


■ 21.1098, 11.6703,
10.8111


■ 43.2733, 45.7667,
49.7380


■ 20.2338, 10.6275,
8.3325


■ 48.3329, 53.9763,
57.3121


 19.6357, 10.0297,
6.2883

 53.9718, 63.1919,
65.5489

 19.5880, 9.9827,
6.1231

 60.2078, 73.4463,
74.4645

 67.0583, 84.7706,
84.0746

 69.5299, 87.1755,
92.7242

Harmonies

Analogous

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



27.0769, 22.2703, 36.5326



28.4322, 22.2703, 25.7217



27.6755, 22.2703, 16.9795

Triad

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



28.4322, 22.2703, 25.7217



18.4479, 22.2703, 10.9116



17.6624, 22.2703, 43.3685

Complementary

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



28.4322, 22.2703, 25.7217



28.1776, 37.7918, 35.9484

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.



15.7688, 22.2703, 33.3427



28.4322, 22.2703, 25.7217



16.1868, 22.2703, 15.0823

Square

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



28.4322, 22.2703, 25.7217



21.6756, 22.2703, 9.8905



15.2590, 22.2703, 22.8328



20.6670, 22.2703, 48.3203

Rectangle

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



28.4322, 22.2703, 25.7217



26.1144, 22.2703, 13.1184



15.2590, 22.2703, 22.8328



16.8881, 22.2703, 40.3677

Sweetspot

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



28.4328, 22.2714, 25.7221



67.1438, 65.3299, 73.0555



26.5864, 20.8847, 45.2778



14.6710, 14.1475, 15.8611



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.4328, 22.2714, 25.7221



47.0313, 33.9888, 38.9635



27.7323, 23.4505, 17.5342



8.6225, 8.5557, 9.5107



13.8710, 7.0659, 4.4806



0.4652, 0.2338, 0.2926

Inverse Universe

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



28.4328, 22.2714, 25.7221



47.0313, 33.9888, 38.9635



28.9756, 35.5694, 47.9863



8.6225, 8.5557, 9.5107



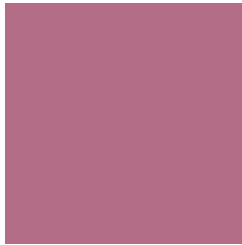
13.8710, 7.0659, 4.4806



0.4652, 0.2338, 0.2926

Previews

White Background



This preview shows how the XYZ color 28.4322, 22.2703, 25.7217 looks on a white background.

Color Contrast Check

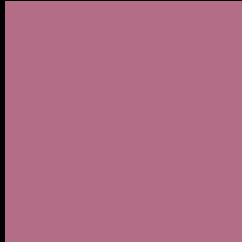
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4322, 22.2703, 25.7217 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 28.4322, 22.2703, 25.7217

Background



This preview shows how black text looks on a background with the XYZ color 28.4322, 22.2703, 25.7217.



This preview shows how white text looks on a background with the XYZ color 28.4322, 22.2703,

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

28.4322, 22.2703, 25.7217

Protanopia

22.0976, 22.4278, 31.1813

Deuteranopia

22.7810, 22.3384, 24.9409



Tritanopia

27.3158, 22.2915, 20.6323

Trichromacy



Original Color

28.4322, 22.2703, 25.7217

Protanomaly

23.9501, 22.1053, 28.9910

Deuteranomaly

24.4677, 22.0950, 25.1655

Tritanomaly

27.7462, 22.3145, 22.2468

Monochromacy



Original Color

28.4322, 22.2703, 25.7217

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.0884, 22.6206, 25.6509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4322, 22.2703, 25.7217 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(179, 109, 135)` looks like.

```
.text, #text, p{  
    color:rgb(179, 109, 135)  
}
```

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(179, 109, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 109, 135) }
```

Border

The CSS property to change the border of an element to XYZ 28.4322, 22.2703, 25.7217 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(179, 109, 135) }
```


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

```
.border{ border-color:rgb(179, 109, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 109, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 109, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 109, 135);  
box-shadow:4px 4px 4px 4px rgb(179, 109,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4322, 22.2703, 25.7217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 109, 135) }
```

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

```
.background{ background-color: rgb(179,  
109, 135) }
```

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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