

Converting Colors

XYZ(28.8257, 22.5201, 30.8445)

Have a look what the booklet for
XYZ(28.8257, 22.5201, 30.8445)
contains.

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Color

**XYZ(28.8257, 22.5201,
30.8445)**

Conversions

Conversions Part 1

Format	Color
Hex	B06E94
RGB	176, 110, 148
RGB Percent	69%, 43%, 58%
CMY	0.3098, 0.5686, 0.4196
CMYK	0.00, 0.37, 0.16, 0.31
HSL	325°, 29%, 56%
HSV	325°, 37%, 69%
XYZ	28.8257, 22.5201, 30.8445
YIQ	134.0660, 27.1380, 25.8100

Conversions

Conversions Part 2

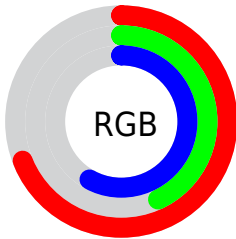
Format	Color
R _Y B	176, 110, 148
Decimal	11562644
CIE Lab	54.57, 31.73, -9.67
CIE LCh	55, 33.172, 343.049
Yxy	22.5201, 0.3507, 0.2740
Android (android.graphics.Color)	4289752724 (0xFFB06E94)
YUV	134.0660, 6.8695, 36.7761
Hunter-Lab	47.4553, 25.3790, -5.3179

Details

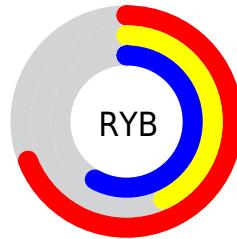
The XYZ color **28.8257, 22.5201, 30.8445** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.5442, 36.2012, 29.6349**, and the grayscale version is **22.6534, 23.8332, 25.9543**.

A 20% lighter version of the original color is **57.3621, 47.7823, 62.0767**, and **11.7996, 8.2324, 12.2764** is the 20% darker color. If you saturate the color by 10%, you get **26.5400, 18.8640, 27.2600**, and if you desaturate by 10%, it is **31.5281, 26.9479, 34.7565**.

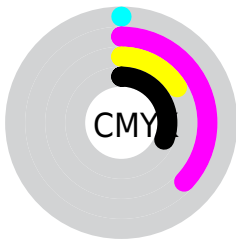
Distribution



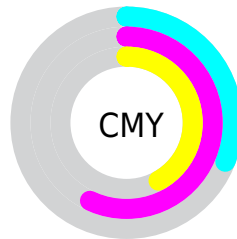
- Red (69%)
- Green (43%)
- Blue (58%)



- Red (69%)
- Yellow (43%)
- Blue (58%)



- Cyan (0%)
- Magenta (37%)
- Yellow (16%)
- Black (31%)




- Cyan (31%)
- Magenta (57%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8257, 22.5201, 30.8445 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 28.8257, 22.5201, 30.8445 by changing the saturation by 10% instead.

 28.8257, 22.5201,
30.8445


 28.8257, 22.5201,
30.8445


288.4007,
265.2505, 320.1503


 19.0926, 14.2396,
20.2230

 57.1995, 47.6041,
62.0719


 11.8416, 8.2875,
12.3716


 76.5710, 65.1764,
83.5148

 6.7074, 4.2794,
6.8717


 99.8859, 86.6147,
109.4020

 3.3245, 1.8311,
3.3047

 127.5098,
112.3034, 140.1520

 1.3276, 0.5064,
1.2523

159.8078,
142.6270, 176.1832

 0.2037, 0.0000,
0.0222

197.1454,

 0.0000, 0.0000,

177.9697, 217.9143

0.0000

239.8879,
218.7161, 265.7638

■ 28.8257, 22.5201,
30.8445

■ 28.8257, 22.5201,
30.8445

■ 26.5400, 18.8640,
27.2600

■ 31.5281, 26.9479,
34.7565

■ 24.6457, 15.9311,
23.9904

■ 34.6663, 32.1856,
39.0051

■ 23.1179, 13.6727,
21.0241


■ 38.2609, 38.2728,
43.6007


■ 21.9280, 12.0324,
18.3475


■ 42.3304, 45.2454,
48.5528


■ 21.0424, 10.9445,
15.9459


■ 46.8923, 53.1375,
53.8703

 20.4105, 10.3090,
13.7983

 51.9630, 61.9811,
59.5619

 20.2697, 10.1762,
13.2926

 57.5585, 71.8068,
65.6358

 63.6937, 82.6438,
72.1001

 65.9566, 85.6670,
77.4869

Harmonies

Analogous

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



26.5492, 22.5201, 42.2889



28.8257, 22.5201, 30.8445



28.9765, 22.5201, 20.2657

Triad

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



28.8257, 22.5201, 30.8445



19.8623, 22.5201, 9.7134



16.6845, 22.5201, 40.9154

Complementary

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



28.8257, 22.5201, 30.8445



26.5442, 36.2012, 29.6349

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.



15.2822, 22.5201, 29.3328



28.8257, 22.5201, 30.8445



16.9717, 22.5201, 12.5913

Square

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



28.8257, 22.5201, 30.8445



23.5118, 22.5201, 9.9053



15.3810, 22.5201, 19.1261



19.4273, 22.5201, 49.1404

Rectangle

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



28.8257, 22.5201, 30.8445



27.8269, 22.5201, 15.1294



15.3810, 22.5201, 19.1261



16.0554, 22.5201, 37.1636

Sweetspot

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



28.8264, 22.5211, 30.8450



66.8849, 65.1508, 75.9227



23.8121, 19.6484, 43.6120



14.3078, 13.8019, 16.2150



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.8264, 22.5211, 30.8450



48.7919, 35.2514, 50.5110



26.6046, 21.6325, 19.1455



8.6945, 8.5845, 9.8899



14.9019, 7.4783, 9.9096



0.4973, 0.2467, 0.4615

Inverse Universe

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



28.8264, 22.5211, 30.8450



48.7919, 35.2514, 50.5110



29.2596, 37.2874, 43.9341



8.6945, 8.5845, 9.8899



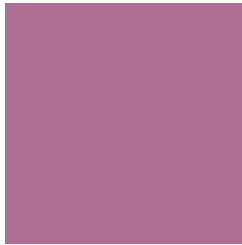
14.9019, 7.4783, 9.9096



0.4973, 0.2467, 0.4615

Previews

White Background



This preview shows how the XYZ color 28.8257, 22.5201, 30.8445 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 28.8257, 22.5201, 30.8445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

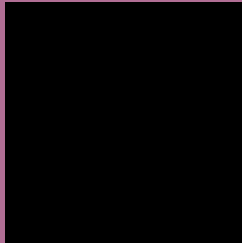
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8257, 22.5201, 30.8445

Background



This preview shows how black text looks on a background with the XYZ color 28.8257, 22.5201, 30.8445.



This preview shows how white text looks on a background with the XYZ color 28.8257, 22.5201,

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

28.8257, 22.5201, 30.8445

Protanopia

22.7278, 22.8236, 36.9257

Deuteranopia

23.0167, 22.5414, 29.9259



Tritanopia

26.9395, 22.5758, 21.6766

Trichromacy



Original Color

28.8257, 22.5201, 30.8445

Protanomaly

24.4114, 22.4059, 34.4906

Deuteranomaly

24.7882, 22.3294, 30.1977

Tritanomaly

27.5255, 22.4749, 24.7171

Monochromacy



Original Color

28.8257, 22.5201, 30.8445

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.3882, 22.9209, 27.5649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8257, 22.5201, 30.8445 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(176, 110, 148)` looks like.

```
.text, #text, p{  
    color:rgb(176, 110, 148)  
}
```

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(176, 110, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 110, 148) }
```

Border

The CSS property to change the border of an element to XYZ 28.8257, 22.5201, 30.8445 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(176, 110, 148) }
```


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

```
.border{ border-color:rgb(176, 110, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 110, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 110, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 110, 148);  
box-shadow:4px 4px 4px 4px rgb(176, 110,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8257, 22.5201, 30.8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 110, 148) }
```

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

```
.background{ background-color: rgb(176,  
110, 148) }
```

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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