

Converting Colors

XYZ(28.5361, 22.6839, 23.9935)

Have a look what the booklet for
XYZ(28.5361, 22.6839, 23.9935)
contains.

| | |
|------------------------------------------------|----|
| XYZ(28.5361, 22.6839, 23.9935) | 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(28.5361, 22.6839,
23.9935)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B46F82 |
| RGB | 180, 111, 130 |
| RGB Percent | 71%, 44%, 51% |
| CMY | 0.2941, 0.5647, 0.4902 |
| CMYK | 0.00, 0.38, 0.28, 0.29 |
| HSL | 343°, 32%, 57% |
| HSV | 343°, 38%, 71% |
| XYZ | 28.5361, 22.6839, 23.9935 |
| YIQ | 133.7970, 35.0250, 20.5370 |

Conversions

Conversions Part 2

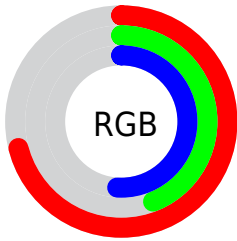
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 180, 111, 130 |
| Decimal | 11825026 |
| CIE _{Lab} | 54.75, 29.87, 1.17 |
| CIE _{LCh} | 55, 29.889, 2.248 |
| Yxy | 22.6839, 0.3794, 0.3016 |
| Android (android.graphics.Color) | 4290015106 (0xFFB46F82) |
| YUV | 133.7970, -1.8719, 40.5200 |
| Hunter-Lab | 47.6276, 23.6000, 3.4706 |

Details

The XYZ color **28.5361, 22.6839, 23.9935** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.3109, 38.5958, 39.6251**, and the grayscale version is **22.5837, 23.7598, 25.8745**.

A 20% lighter version of the original color is **56.7478, 47.9743, 51.0688**, and **11.6653, 8.3993, 8.7910** is the 20% darker color. If you saturate the color by 10%, you get **25.9455, 18.8162, 19.0806**, and if you desaturate by 10%, it is **31.6347, 27.3897, 29.6239**.

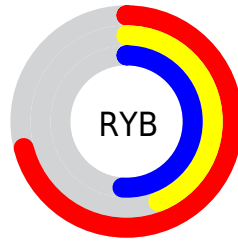
Distribution



Red (71%)

Green (44%)

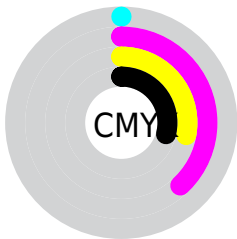
Blue (51%)



Red (71%)

Yellow (44%)

Blue (51%)

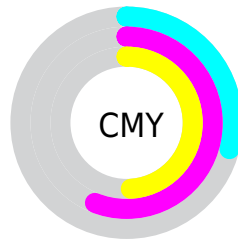


Cyan (0%)

Magenta (38%)

Yellow (28%)

Black (29%)



Cyan (29%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5361, 22.6839, 23.9935 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 28.5361, 22.6839, 23.9935 by changing the saturation by 10% instead.

 28.5361, 22.6839,
23.9935


 28.5361, 22.6839,
23.9935


287.0537,
266.0973, 286.0731


 18.8727, 14.3603,
15.1166


 56.7419, 47.8738,
50.9633


 11.6818, 8.3717,
8.7538


 76.0150, 65.5088,
69.8933

 6.5980, 4.3337,
4.4863


 99.2220, 87.0164,
93.0115

 3.2561, 1.8619,
1.8957

 126.7283,
112.7810, 120.7363

 1.2906, 0.5253,
0.4900

158.8993,
143.1870, 153.4863

 0.1762, 0.0000,
0.0000

196.1003,

 0.0000, 0.0000,

178.6188, 191.6801

0.0000

238.6966,
219.4608, 235.7362

■ 28.5361, 22.6839,
23.9935

■ 28.5361, 22.6839,
23.9935

■ 25.9455, 18.8162,
19.0806

■ 31.6347, 27.3897,
29.6239

■ 23.8331, 15.7338,
14.8541

■ 35.2652, 32.9756,
35.9984

■ 22.1684, 13.3831,
11.2825


■ 39.4524, 39.4850,
43.1438


■ 20.9170, 11.7022,
8.3310

■ 44.2188, 46.9571,
51.0853


■ 20.0385, 10.6189,
5.9611


■ 49.5857, 55.4291,
59.8469


 19.4689, 10.0141,
4.1244

 55.5732, 64.9361,
69.4512

 19.3887, 9.9298,
3.8626

 62.2006, 75.5116,
79.9205

 69.4847, 87.1842,
91.2753

 71.4326, 87.9634,
101.5325

Harmonies

Analogous

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



27.6717, 22.6839, 34.1550



28.5361, 22.6839, 23.9935



27.3791, 22.6839, 16.2222

Triad

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



28.5361, 22.6839, 23.9935



18.3513, 22.6839, 12.3054



18.7409, 22.6839, 44.5038

Complementary

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



28.5361, 22.6839, 23.9935



29.3109, 38.5958, 39.6251

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.



16.6306, 22.6839, 35.7092



28.5361, 22.6839, 23.9935



16.4223, 22.6839, 17.1722

Square

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



28.5361, 22.6839, 23.9935



21.3126, 22.6839, 10.6357



15.8256, 22.6839, 25.4180



21.8100, 22.6839, 47.6469

Rectangle

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



28.5361, 22.6839, 23.9935



25.6795, 22.6839, 12.9446



15.8256, 22.6839, 25.4180



17.9071, 22.6839, 42.0162

Sweetspot

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



28.5367, 22.6850, 23.9939



69.2606, 68.0467, 74.3812



28.5109, 22.1854, 45.9597



14.7474, 14.3613, 15.6985



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.



28.5367, 22.6850, 23.9939



47.7120, 35.1051, 35.8897



29.1469, 25.7610, 18.4765



8.5893, 8.5424, 9.3358



13.5570, 6.9404, 2.8272



0.4518, 0.2285, 0.2219

Inverse Universe

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



28.5367, 22.6850, 23.9939



47.7120, 35.1051, 35.8897



28.2588, 33.6039, 48.1769



8.5893, 8.5424, 9.3358



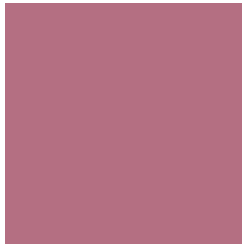
13.5570, 6.9404, 2.8272



0.4518, 0.2285, 0.2219

Previews

White Background



This preview shows how the XYZ color 28.5361, 22.6839, 23.9935 looks on a white background.

Color Contrast Check

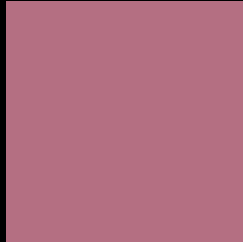
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5361, 22.6839, 23.9935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

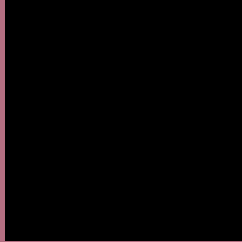
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5361, 22.6839, 23.9935

Background



This preview shows how black text looks on a background with the XYZ color 28.5361, 22.6839, 23.9935.



This preview shows how white text looks on a background with the XYZ color 28.5361, 22.6839,

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

28.5361, 22.6839, 23.9935

Protanopia

22.3589, 23.0109, 28.8543

Deuteranopia

23.2742, 22.8220, 23.2571



Tritanopia

27.9467, 22.7744, 21.0121

Trichromacy



Original Color

28.5361, 22.6839, 23.9935

Protanomaly

24.1895, 22.6398, 27.1398

Deuteranomaly

24.8342, 22.5024, 23.4566

Tritanomaly

28.0227, 22.6273, 21.9593

Monochromacy



Original Color

28.5361, 22.6839, 23.9935

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.4570, 23.1945, 25.3783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5361, 22.6839, 23.9935 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(180, 111, 130)` looks like.

```
.text, #text, p{  
    color:rgb(180, 111, 130)  
}
```

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(180, 111, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 111, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.5361, 22.6839, 23.9935 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(180, 111, 130) }
```


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

```
.border{ border-color:rgb(180, 111, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 111, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 111, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 111, 130);  
box-shadow:4px 4px 4px 4px rgb(180, 111,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5361, 22.6839, 23.9935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 111, 130) }
```

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

```
.background{ background-color: rgb(180,  
111, 130) }
```

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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