

Converting Colors

XYZ(28.6637, 22.5149, 27.6040)

Have a look what the booklet for
XYZ(28.6637, 22.5149, 27.6040)
contains.

XYZ(28.6697, 22.5103, 27.6448)	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(28.6697, 22.5103,
27.6448)**

Conversions

Conversions Part 1

Format	Color
Hex	B26E8C
RGB	178, 110, 140
RGB Percent	70%, 43%, 55%
CMY	0.3020, 0.5686, 0.4510
CMYK	0.00, 0.38, 0.21, 0.30
HSL	334°, 31%, 56%
HSV	334°, 38%, 70%
XYZ	28.6697, 22.5103, 27.6448
YIQ	133.7520, 30.8980, 23.7460

Conversions

Conversions Part 2

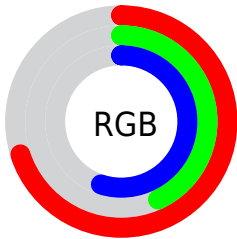
Format	Color
R_{YB}	178, 110, 140
Decimal	11693708
CIE _{Lab}	54.56, 31.17, -4.98
CIE _{LCh}	55, 31.563, 350.921
Yxy	22.5103, 0.3637, 0.2856
Android (android.graphics.Color)	4289883788 (0xFFB26E8C)
YUV	133.7520, 3.0803, 38.8055
Hunter-Lab	47.4450, 24.8338, -1.3350

Details

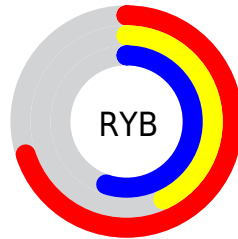
The XYZ color **28.6697, 22.5103, 27.6448** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.6972, 37.2946, 33.7576**, and the grayscale version is **22.5507, 23.7251, 25.8366**.

A 20% lighter version of the original color is **57.0957, 47.7516, 57.2466**, and **11.7735, 8.2550, 10.6457** is the 20% darker color. If you saturate the color by 10%, you get **26.2380, 18.7680, 23.3775**, and if you desaturate by 10%, it is **31.5548, 27.0528, 32.3910**.

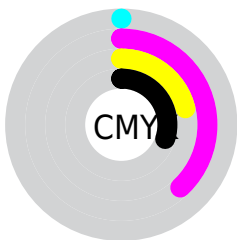
Distribution



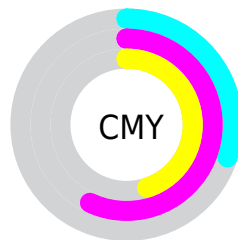
- Red (70%)
- Green (43%)
- Blue (55%)



- Red (70%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (30%)




- Cyan (30%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6697, 22.5103, 27.6448 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 28.6697, 22.5103, 27.6448 by changing the saturation by 10% instead.


 28.6697, 22.5103,
27.6448


 28.6697, 22.5103,
27.6448


287.6757,
265.1997, 304.6241

 18.9741, 14.2323,
17.8214


 56.9531, 47.5880,
56.9331


 11.7555, 8.2824,
10.6537


 76.2716, 65.1565,
77.2351

 6.6484, 4.2762,
5.7233


 99.5285, 86.5906,
101.8669

 3.2876, 1.8292,
2.6115

 127.0891,
112.2748, 131.2473

 1.3076, 0.5053,
0.8984

159.3187,
142.5934, 165.7946

 0.1889, 0.0000,
0.0000

196.5828,

 0.0000, 0.0000,

177.9308, 205.9275

0.0000

239.2467,
218.6715, 252.0645

■ 28.6697, 22.5103,
27.6448

■ 28.6697, 22.5103,
27.6448

■ 26.2380, 18.7680,
23.3775

■ 31.5548, 27.0528,
32.3910

■ 24.2327, 15.7754,
19.5706

■ 34.9144, 32.4356,
37.6305

■ 22.6270, 13.4816,
16.2066


■ 38.7703, 38.6998,
43.3791


■ 21.3898, 11.8274,
13.2655


■ 43.1428, 45.8829,
49.6511


■ 20.4852, 10.7442,
10.7257


■ 48.0505, 54.0204,
56.4602


 19.8547, 10.1185,
8.5571

 53.5116, 63.1457,
63.8197

 19.7543, 10.0227,
8.2001

 59.5429, 73.2907,
71.7424

 66.1609, 84.4857,
80.2405

 68.3372, 86.6718,
87.6446

Harmonies

Analogous

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



26.9937, 22.5103, 38.6090



28.6697, 22.5103, 27.6448



28.2395, 22.5103, 18.3097

Triad

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



28.6697, 22.5103, 27.6448



19.1040, 22.5103, 10.6607



17.4652, 22.5103, 42.5006

Complementary

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



28.6697, 22.5103, 27.6448



27.6972, 37.2946, 33.7576

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.



15.7573, 22.5103, 31.9721



28.6697, 22.5103, 27.6448



16.6301, 22.5103, 14.3441

Square

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



28.6697, 22.5103, 27.6448



22.4637, 22.5103, 10.0865



15.4690, 22.5103, 21.6214



20.3615, 22.5103, 48.5846

Rectangle

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



28.6697, 22.5103, 27.6448



26.8333, 22.5103, 14.0178



15.4690, 22.5103, 21.6214



16.7468, 22.5103, 39.2486

Sweetspot

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



28.6703, 22.5114, 27.6453



68.1195, 66.6105, 75.4490



25.7173, 20.6075, 44.7420



14.8813, 14.4148, 16.4034



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.



28.6703, 22.5114, 27.6453



48.1520, 34.9031, 43.4286



27.1253, 22.4916, 17.6648



8.6469, 8.5655, 9.6390



14.1649, 7.1835, 6.0284



0.4752, 0.2378, 0.3451

Inverse Universe

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



28.6703, 22.5114, 27.6453



48.1520, 34.9031, 43.4286



29.7193, 37.0345, 47.7018



8.6469, 8.5655, 9.6390



14.1649, 7.1835, 6.0284



0.4752, 0.2378, 0.3451

Previews

White Background



This preview shows how the XYZ color 28.6697, 22.5103, 27.6448 looks on a white background.

Color Contrast Check

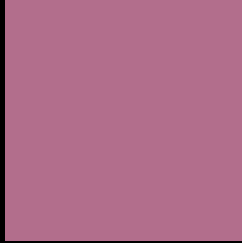
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6697, 22.5103, 27.6448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

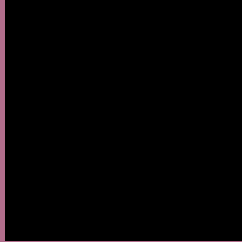
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6697, 22.5103, 27.6448

Background



This preview shows how black text looks on a background with the XYZ color 28.6697, 22.5103, 27.6448.



This preview shows how white text looks on a background with the XYZ color 28.6697, 22.5103,

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

28.6697, 22.5103, 27.6448

Protanopia

22.4848, 22.7772, 33.3484

Deuteranopia

23.0892, 22.6476, 26.8214



Tritanopia

27.3225, 22.4455, 21.3047

Trichromacy



Original Color

28.6697, 22.5103, 27.6448

Protanomaly

24.2823, 22.4150, 31.0637

Deuteranomaly

24.7512, 22.3797, 27.0599

Tritanomaly

27.8881, 22.5204, 23.6459

Monochromacy



Original Color

28.6697, 22.5103, 27.6448

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.3552, 22.9288, 26.4346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6697, 22.5103, 27.6448 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(178, 110, 140)` looks like.

```
.text, #text, p{  
    color:rgb(178, 110, 140)  
}
```

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(178, 110, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 110, 140) }
```

Border

The CSS property to change the border of an element to XYZ 28.6697, 22.5103, 27.6448 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(178, 110, 140) }
```


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

```
.border{ border-color:rgb(178, 110, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 110, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 110, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 110, 140);  
box-shadow:4px 4px 4px 4px rgb(178, 110,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6697, 22.5103, 27.6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 110, 140) }
```

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

```
.background{ background-color: rgb(178,  
110, 140) }
```

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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