

Converting Colors

XYZ(22.5629, 17.1956, 30.4246)

Have a look what the booklet for
XYZ(22.5629, 17.1956, 30.4246)
contains.

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Color

**XYZ(22.5566, 17.2111,
30.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	986095
RGB	152, 96, 149
RGB Percent	60%, 38%, 58%
CMY	0.4039, 0.6235, 0.4157
CMYK	0.00, 0.37, 0.02, 0.40
HSL	303°, 23%, 49%
HSV	303°, 37%, 60%
XYZ	22.5566, 17.2111, 30.5670
YIQ	118.7860, 16.3630, 28.3550

Conversions

Conversions Part 2

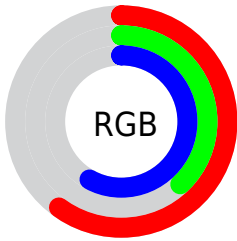
Format	Color
R_{YB}	152, 96, 149
Decimal	9986197
CIE _{Lab}	48.52, 31.44, -19.71
CIE _{LCh}	49, 37.104, 327.919
Yxy	17.2111, 0.3207, 0.2447
Android (android.graphics.Color)	4288176277 (0xFF986095)
YUV	118.7860, 14.8955, 29.1287
Hunter-Lab	41.4863, 24.4517, -14.6444

Details

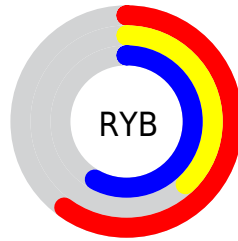
The XYZ color **22.5566, 17.2111, 30.5670** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.3050, 25.8447, 15.8292**, and the grayscale version is **17.4183, 18.3254, 19.9564**.

A 20% lighter version of the original color is **47.1015, 38.7570, 61.4982**, and **8.5171, 5.7051, 12.2076** is the 20% darker color. If you saturate the color by 10%, you get **21.2370, 14.6752, 29.8076**, and if you desaturate by 10%, it is **24.1459, 20.2850, 31.4189**.

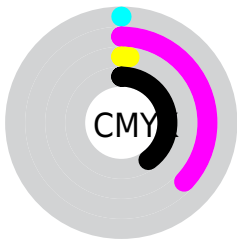
Distribution



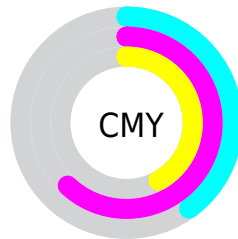
- Red (60%)
- Green (38%)
- Blue (58%)



- Red (60%)
- Yellow (38%)
- Blue (58%)



- Cyan (0%)
- Magenta (37%)
- Yellow (2%)
- Black (40%)





- Cyan (40%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.5566, 17.2111, 30.5670 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 22.5566, 17.2111, 30.5670 by changing the saturation by 10% instead.


 22.5566, 17.2111,
30.5670


 22.5566, 17.2111,
30.5670

258.0174,
236.3860, 318.8277


 14.3853, 10.3851,
20.0137


 47.1363, 38.6884,
61.6293

 8.4726, 5.6550,
12.2208


 64.2754, 54.1085,
82.9753

 4.4532, 2.6365,
6.7699

 85.1345, 73.1620,
108.7559

 1.9616, 0.9450,
3.2423

 110.0790, 96.2335,
139.3898

 0.6122, 0.0000,
1.2197

139.4741,
123.7072, 175.2953

 0.0000, 0.0000,
0.0000

173.6854,

155.9676, 216.8911

213.0780,
193.3990, 264.5957

■ 22.5566, 17.2111,
30.5670

■ 22.5566, 17.2111,
30.5670

■ 21.2370, 14.6752,
29.8076

■ 24.1459, 20.2850,
31.4189

■ 20.1699, 12.6440,
29.1344

■ 26.0175, 23.9231,
32.3670

■ 19.3388, 11.0841,
28.5422

■ 28.1853, 28.1527,
33.4160

■ 18.7244, 9.9569,
28.0244

■ 30.6616, 32.9987,
34.5702

■ 18.3046, 9.2180,
27.5737

■ 33.4582, 38.4845,
35.8333

■ 18.0440, 8.7969,
27.1782

■ 36.5861, 44.6322,
37.2092

■ 17.9722, 8.6847,
27.0573

■ 40.0560, 51.4631,
38.7013

■ 43.8779, 58.9974,
40.3131

■ 48.0615, 67.2543,
42.0477

Harmonies

Analogous

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



19.6195, 17.2111, 40.6703



22.5566, 17.2111, 30.5670



23.8124, 17.2111, 19.4293

Triad

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



22.5566, 17.2111, 30.5670



16.5976, 17.2111, 5.5535



11.2287, 17.2111, 28.9615

Complementary

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



22.5566, 17.2111, 30.5670



18.3050, 25.8447, 15.8292

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.



10.6494, 17.2111, 18.0671



22.5566, 17.2111, 30.5670



13.4807, 17.2111, 6.5749

Square

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



22.5566, 17.2111, 30.5670



20.0882, 17.2111, 6.9195



11.4147, 17.2111, 10.4411



13.1219, 17.2111, 39.5394

Rectangle

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



22.5566, 17.2111, 30.5670



23.4124, 17.2111, 13.5429



11.4147, 17.2111, 10.4411



10.8864, 17.2111, 25.1210

Sweetspot

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



22.5572, 17.2119, 30.5674



48.0099, 46.2949, 58.1495



14.9749, 13.2751, 31.4793



10.8050, 10.3134, 13.1648



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.5572, 17.2119, 30.5674



37.9108, 26.7185, 52.8663



20.5959, 16.4274, 20.2396



6.4469, 6.3179, 7.7336



15.0728, 7.2833, 22.7060



0.2291, 0.1104, 0.3592

Inverse Universe

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



22.5572, 17.2119, 30.5674



37.9108, 26.7185, 52.8663



19.8705, 26.4709, 24.0733



6.4469, 6.3179, 7.7336



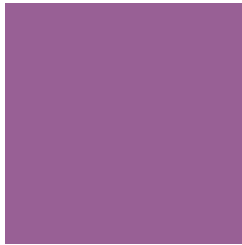
15.0728, 7.2833, 22.7060



0.2291, 0.1104, 0.3592

Previews

White Background



This preview shows how the XYZ color 22.5566, 17.2111, 30.5670 looks on a white background.

Color Contrast Check

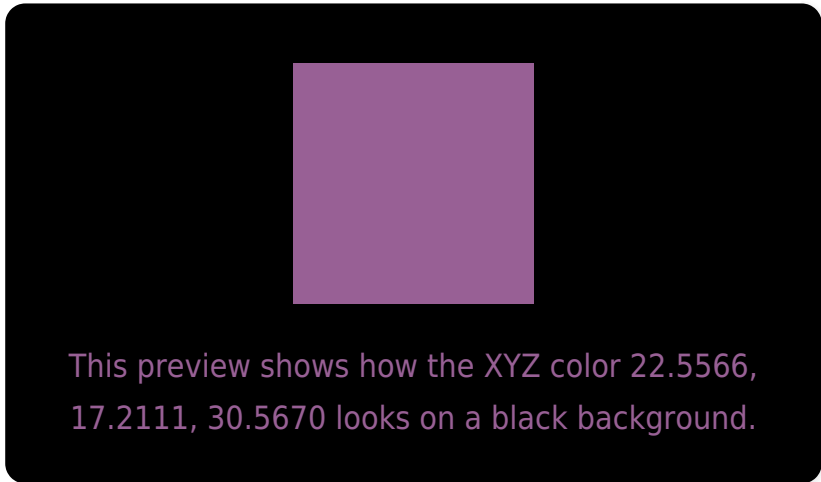
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

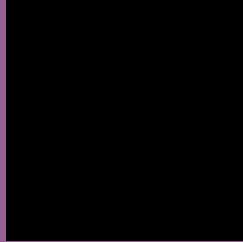
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.5566, 17.2111, 30.5670

Background



This preview shows how black text looks on a background with the XYZ color 22.5566, 17.2111, 30.5670.



This preview shows how white text looks on a background with the XYZ color 22.5566, 17.2111,

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

22.5566, 17.2111, 30.5670

Protanopia

17.9950, 17.4457, 37.0692

Deuteranopia

17.6490, 17.2651, 29.5964



Tritanopia

19.9076, 17.2735, 17.6141

Trichromacy



Original Color

22.5566, 17.2111, 30.5670

Protanomaly

19.1750, 16.9771, 34.6140

Deuteranomaly

19.1283, 17.0576, 29.8880

Tritanomaly

20.7498, 17.1776, 21.6240

Monochromacy



Original Color

22.5566, 17.2111, 30.5670

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.0738, 17.8059, 23.5507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5566, 17.2111, 30.5670 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(152, 96, 149)` looks like.

```
.text, #text, p{  
    color:rgb(152, 96, 149)  
}
```

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(152, 96, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 96, 149) }
```

Border

The CSS property to change the border of an element to XYZ 22.5566, 17.2111, 30.5670 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(152, 96, 149) }
```


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

```
.border{ border-color:rgb(152, 96, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 96, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 96, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 96, 149);  
box-shadow:4px 4px 4px 4px rgb(152, 96,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5566, 17.2111, 30.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 96, 149) }
```

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

```
.background{ background-color: rgb(152, 96,  
149) }
```

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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