

Converting Colors

XYZ(22.4272, 20.2068, 31.1523)

Have a look what the booklet for
XYZ(22.4272, 20.2068, 31.1523)
contains.

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Color

**XYZ(22.4854, 20.2362,
31.1546)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7495
RGB	140, 116, 149
RGB Percent	55%, 45%, 58%
CMY	0.4510, 0.5451, 0.4157
CMYK	0.06, 0.22, 0.00, 0.42
HSL	284°, 13%, 52%
HSV	284°, 22%, 58%
XYZ	22.4854, 20.2362, 31.1546
YIQ	126.9380, 3.7110, 15.3510

Conversions

Conversions Part 2

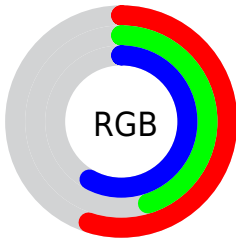
Format	Color
R_{YB}	140, 116, 149
Decimal	9204885
CIE _{Lab}	52.10, 15.69, -14.37
CIE _{LCh}	52, 21.276, 317.509
Yxy	20.2362, 0.3044, 0.2739
Android (android.graphics.Color)	4287394965 (0xFF8C7495)
YUV	126.9380, 10.8766, 11.4554
Hunter-Lab	44.9847, 10.4993, -9.5726

Details

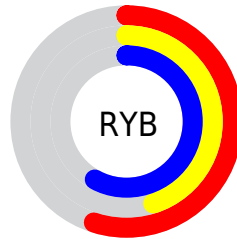
The XYZ color **22.4854, 20.2362, 31.1546** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.3581, 27.1164, 20.5797**, and the grayscale version is **20.1150, 21.1626, 23.0461**.

A 20% lighter version of the original color is **47.0303, 43.7864, 62.4728**, and **8.4882, 7.1897, 12.4957** is the 20% darker color. If you saturate the color by 10%, you get **20.2317, 16.7264, 30.5962**, and if you desaturate by 10%, it is **25.0411, 24.3118, 31.8069**.

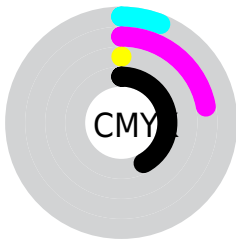
Distribution



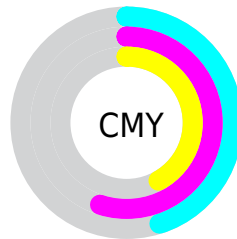
- Red (55%)
- Green (45%)
- Blue (58%)



- Red (55%)
- Yellow (45%)
- Blue (58%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (42%)



- Cyan (45%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4854, 20.2362, 31.1546 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 22.4854, 20.2362, 31.1546 by changing the saturation by 10% instead.

■ 22.4854, 20.2362,
31.1546

■ 22.4854, 20.2362,
31.1546

257.6558,
253.1909, 321.6232

■ 14.3326, 12.5669,
20.4571

■ 47.0199, 43.8128,
62.5658

■ 8.4356, 7.1310,
12.5404

■ 64.1322, 60.4889,
84.1167

■ 4.4291, 3.5441,
6.9859

■ 84.9618, 80.9360,
110.1224

■ 1.9476, 1.4220,
3.3749

■ 109.8740,
105.5386, 141.0015

■ 0.6043, 0.2328,
1.2891

139.2342,
134.6809, 177.1727

■ 0.0000, 0.0000,
0.0529

173.4076,

■ 0.0000, 0.0000,

168.7475, 219.0543

0.0000

212.7597,
208.1227, 267.0649

■ 22.4854, 20.2362,
31.1546

■ 22.4854, 20.2362,
31.1546

■ 20.2317, 16.7264,
30.5962

■ 25.0411, 24.3118,
31.8069

■ 18.2648, 13.7534,
30.1260

■ 27.9095, 28.9751,
32.5558

■ 16.5708, 11.2895,
29.7398

■ 31.1030, 34.2502,
33.4057

■ 15.1341, 9.3037,
29.4322

■ 34.6326, 40.1590,
34.3602

■ 13.9369, 7.7612,
29.1975

■ 38.5090, 46.7222,
35.4227

■ 12.9595, 6.6226,
29.0293

■ 42.7422, 53.9596,
36.5965

■ 12.1782, 5.8413,
28.9197

■ 47.3420, 61.8902,
37.8849

■ 11.6533, 5.3808,
28.8584

■ 52.3175, 70.5322,
39.2907

■ 57.6779, 79.9033,
40.8170

Harmonies

Analogous

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



20.5197, 20.2362, 35.5434



22.4854, 20.2362, 31.1546



23.6127, 20.2362, 24.7272

Triad

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



22.4854, 20.2362, 31.1546



20.1527, 20.2362, 12.2869



15.5149, 20.2362, 25.8371

Complementary

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



22.4854, 20.2362, 31.1546



22.3581, 27.1164, 20.5797

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.



15.4330, 20.2362, 19.5434



22.4854, 20.2362, 31.1546



18.0030, 20.2362, 12.4716

Square

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



22.4854, 20.2362, 31.1546



22.1993, 20.2362, 14.3296



16.3120, 20.2362, 14.8933



16.5451, 20.2362, 32.0980

Rectangle

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



22.4854, 20.2362, 31.1546



23.6851, 20.2362, 20.5054



16.3120, 20.2362, 14.8933



15.3785, 20.2362, 23.6363

Sweetspot

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



22.4860, 20.2371, 31.1550



47.3439, 47.5832, 57.6104



20.0061, 20.6399, 31.3635



10.4348, 10.4521, 12.7523



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.4860, 20.2371, 31.1550



38.0228, 32.7227, 55.2333



23.5117, 20.8297, 28.3140



5.8826, 5.8305, 7.2851



9.8371, 4.5438, 24.2896



0.1487, 0.0702, 0.2986

Inverse Universe

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



22.3422, 20.3620, 22.1558



37.7710, 33.0244, 35.7233



21.5352, 26.6422, 22.7966



5.8619, 5.8398, 6.3791



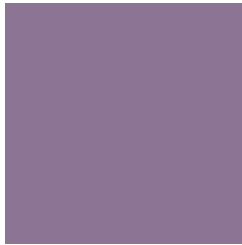
10.7744, 5.5148, 2.2931



0.1429, 0.0719, 0.0862

Previews

White Background



This preview shows how the XYZ color 22.4854, 20.2362, 31.1546 looks on a white background.

Color Contrast Check

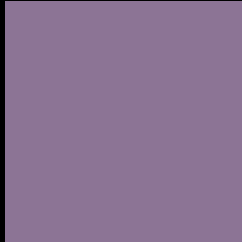
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4854, 20.2362, 31.1546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

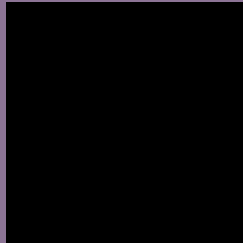
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4854, 20.2362, 31.1546

Background



This preview shows how black text looks on a background with the XYZ color 22.4854, 20.2362, 31.1546.



This preview shows how white text looks on a background with the XYZ color 22.4854, 20.2362,

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

22.4854, 20.2362, 31.1546

Protanopia

20.2518, 20.2809, 33.4191

Deuteranopia

20.7623, 20.4172, 30.8636



Tritanopia

20.9954, 20.3363, 23.5876

Trichromacy



Original Color

22.4854, 20.2362, 31.1546

Protanomaly

20.8414, 20.0599, 32.4793

Deuteranomaly

21.2677, 20.3169, 30.8176

Tritanomaly

21.5220, 20.3745, 26.0909

Monochromacy



Original Color

22.4854, 20.2362, 31.1546

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.9719, 20.8207, 25.8351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4854, 20.2362, 31.1546 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(140, 116, 149)` looks like.

```
.text, #text, p{  
    color:rgb(140, 116, 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(140, 116, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 116, 149) }
```

Border

The CSS property to change the border of an element to XYZ 22.4854, 20.2362, 31.1546 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(140, 116, 149) }
```


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

```
.border{ border-color:rgb(140, 116, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 116, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 116, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 116, 149);  
box-shadow:4px 4px 4px 4px rgb(140, 116,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4854, 20.2362, 31.1546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 116, 149) }
```

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

```
.background{ background-color: rgb(140,  
116, 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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