

Converting Colors

XYZ(22.6358, 15.3534, 27.8880)

Have a look what the booklet for
XYZ(22.6358, 15.3534, 27.8880)
contains.

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Color

**XYZ(22.5245, 15.2976,
27.7522)**

Conversions

Conversions Part 1

Format	Color
Hex	A1508F
RGB	161, 80, 143
RGB Percent	63%, 31%, 56%
CMY	0.3686, 0.6863, 0.4392
CMYK	0.00, 0.50, 0.11, 0.37
HSL	313°, 34%, 47%
HSV	313°, 50%, 63%
XYZ	22.5245, 15.2976, 27.7522
YIQ	111.4010, 28.0530, 36.7650

Conversions

Conversions Part 2

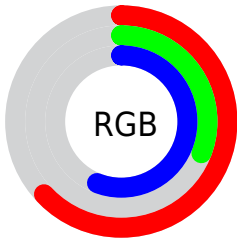
Format	Color
RYB	161, 80, 143
Decimal	10571919
CIELab	46.04, 42.01, -19.84
CIELCh	46, 46.456, 334.715
Yxy	15.2976, 0.3435, 0.2333
Android (android.graphics.Color)	4288761999 (0xFFA1508F)
YUV	111.4010, 15.5783, 43.4983
Hunter-Lab	39.1121, 34.3510, -14.6910

Details

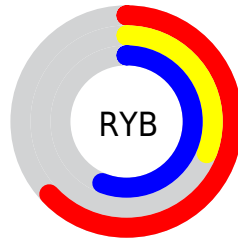
The XYZ color **22.5245, 15.2976, 27.7522** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.2584, 28.0775, 16.0136**, and the grayscale version is **15.1769, 15.9673, 17.3884**.

A 20% lighter version of the original color is **46.9446, 35.2855, 57.1598**, and **8.4104, 4.7290, 10.5947** is the 20% darker color. If you saturate the color by 10%, you get **21.2172, 13.1096, 26.0005**, and if you desaturate by 10%, it is **24.1239, 18.0554, 29.6442**.

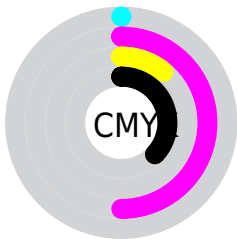
Distribution



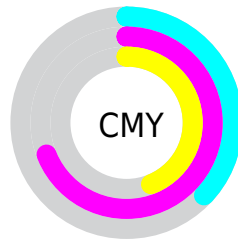
- Red (63%)
- Green (31%)
- Blue (56%)



- Red (63%)
- Yellow (31%)
- Blue (56%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (37%)



- Cyan (37%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5245, 15.2976, 27.7522 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 22.5245, 15.2976, 27.7522 by changing the saturation by 10% instead.

■ 22.5245, 15.2976,
27.7522

■ 22.5245, 15.2976,
27.7522

257.8544,
225.1605, 305.1555

■ 14.3616, 9.0285,
17.9015

■ 47.0838, 35.3744,
57.1069

■ 8.4559, 4.7598,
10.7106

■ 64.2109, 49.9509,
77.4480

■ 4.4423, 2.1070,
5.7609

■ 85.0567, 68.0654,
102.1230

■ 1.9553, 0.6686,
2.6338

■ 109.9866, 90.1022,
131.5505

■ 0.6087, 0.0000,
0.9098

■ 139.3660,
116.4457, 166.1489

■ 0.0000, 0.0000,
0.0000

173.5602,

147.4803, 206.3369

212.9345,
183.5905, 252.5329

■ 22.5245, 15.2976,
27.7522

■ 22.5245, 15.2976,
27.7522

■ 21.2172, 13.1096,
26.0005

■ 24.1239, 18.0554,
29.6442

■ 20.1799, 11.4482,
24.3809

■ 26.0324, 21.4178,
31.6822

■ 19.3897, 10.2675,
22.8855

■ 28.2676, 25.4194,
33.8726

■ 18.8193, 9.5128,
21.5049

■ 30.8452, 30.0915,
36.2208

■ 18.4138, 9.0634,
20.2550

■ 33.7799, 35.4635,
38.7322

■ 37.0855, 41.5628,
41.4119

■ 40.7750, 48.4156,
44.2644

■ 44.8610, 56.0466,
47.2943

■ 49.3553, 64.4793,
50.5060

Harmonies

Analogous

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



19.2965, 15.2976, 41.6228



22.5245, 15.2976, 27.7522



23.4753, 15.2976, 14.9356

Triad

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



22.5245, 15.2976, 27.7522



13.9259, 15.2976, 3.0386



9.1580, 15.2976, 32.3250

Complementary

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



22.5245, 15.2976, 27.7522



18.2584, 28.0775, 16.0136

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.



8.2197, 15.2976, 18.5048



22.5245, 15.2976, 27.7522



10.6372, 15.2976, 4.4279

Square

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



22.5245, 15.2976, 27.7522



18.0228, 15.2976, 3.7306



8.7080, 15.2976, 9.0000



11.5374, 15.2976, 44.9949

Rectangle

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



22.5245, 15.2976, 27.7522



22.5672, 15.2976, 9.1306



8.7080, 15.2976, 9.0000



8.6853, 15.2976, 27.4778

Sweetspot

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



22.5250, 15.2983, 27.7525



52.8666, 49.5757, 62.7404



14.2911, 10.8832, 35.0658



11.3974, 10.5160, 13.5792



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.5250, 15.2983, 27.7525



37.8282, 23.2000, 46.3182



20.0129, 14.2935, 14.5239



7.2966, 7.1751, 8.5485



14.7222, 7.2449, 16.2596



0.3251, 0.1585, 0.4248

Inverse Universe

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



22.5250, 15.2983, 27.7525



37.8282, 23.2000, 46.3182



20.6448, 29.0320, 28.5800



7.2966, 7.1751, 8.5485



14.7222, 7.2449, 16.2596



0.3251, 0.1585, 0.4248

Previews

White Background



This preview shows how the XYZ color 22.5245, 15.2976, 27.7522 looks on a white background.

Color Contrast Check

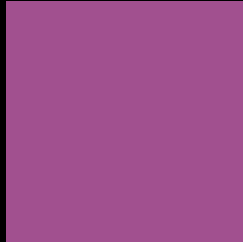
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.5245, 15.2976, 27.7522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

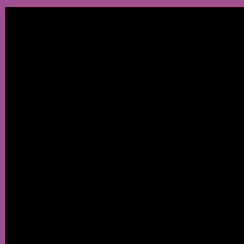
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.5245, 15.2976, 27.7522

Background



This preview shows how black text looks on a background with the XYZ color 22.5245, 15.2976, 27.7522.



This preview shows how white text looks on a background with the XYZ color 22.5245, 15.2976,

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

22.5245, 15.2976, 27.7522

Protanopia

16.2799, 15.5791, 37.2710

Deuteranopia

15.6708, 15.3536, 26.1824



Tritanopia

19.5241, 15.2433, 13.2225

Trichromacy



Original Color

22.5245, 15.2976, 27.7522

Protanomaly

17.5709, 14.8487, 33.3925

Deuteranomaly

17.4658, 14.8028, 26.7476

Tritanomaly

20.4656, 15.1396, 17.7632

Monochromacy



Original Color

22.5245, 15.2976, 27.7522

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.1856, 15.2115, 20.7692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5245, 15.2976, 27.7522 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(161, 80, 143)` looks like.

```
.text, #text, p{  
    color:rgb(161, 80, 143)  
}
```

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(161, 80, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 80, 143) }
```

Border

The CSS property to change the border of an element to XYZ 22.5245, 15.2976, 27.7522 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(161, 80, 143) }
```


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

```
.border{ border-color:rgb(161, 80, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 80, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 80, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 80, 143);  
box-shadow:4px 4px 4px 4px rgb(161, 80,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5245, 15.2976, 27.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 80, 143) }
```

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

```
.background{ background-color: rgb(161, 80,  
143) }
```

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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