

Converting Colors

XYZ(22.2136, 19.4806, 27.8869)

Have a look what the booklet for
XYZ(22.2136, 19.4806, 27.8869)
contains.

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Color

**XYZ(22.2789, 19.5312,
27.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	91708D
RGB	145, 112, 141
RGB Percent	57%, 44%, 55%
CMY	0.4314, 0.5608, 0.4471
CMYK	0.00, 0.23, 0.03, 0.43
HSL	307°, 13%, 50%
HSV	307°, 23%, 57%
XYZ	22.2789, 19.5312, 27.7950
YIQ	125.1730, 10.3590, 16.0150

Conversions

Conversions Part 2

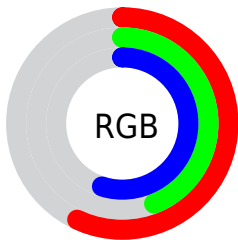
Format	Color
R_{YB}	145, 112, 141
Decimal	9531533
CIE _{Lab}	51.30, 18.19, -10.83
CIE _{LCh}	51, 21.169, 329.223
Yxy	19.5312, 0.3201, 0.2806
Android (android.graphics.Color)	4287721613 (0xFF91708D)
YUV	125.1730, 7.8027, 17.3883
Hunter-Lab	44.1941, 12.6448, -6.3534

Details

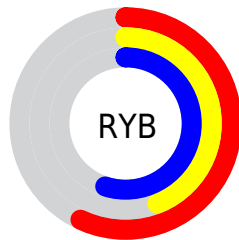
The XYZ color **22.2789, 19.5312, 27.7950** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.9606, 24.9570, 20.2892**, and the grayscale version is **19.5238, 20.5406, 22.3687**.

A 20% lighter version of the original color is **46.6790, 42.6332, 57.3985**, and **8.3378, 6.8018, 10.7710** is the 20% darker color. If you saturate the color by 10%, you get **20.6765, 16.5338, 26.6209**, and if you desaturate by 10%, it is **24.1422, 23.0465, 29.0667**.

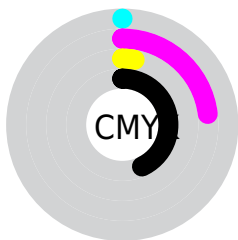
Distribution



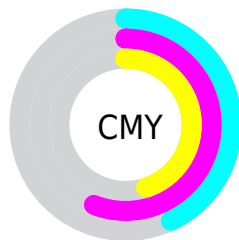
- Red (57%)
- Green (44%)
- Blue (55%)



- Red (57%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (43%)



- Cyan (43%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2789, 19.5312, 27.7950 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 22.2789, 19.5312, 27.7950 by changing the saturation by 10% instead.

■ 22.2789, 19.5312,
27.7950

■ 22.2789, 19.5312,
27.7950

256.6044,
249.3658, 305.3671

■ 14.1797, 12.0547,
17.9335

■ 46.6820, 42.6298,
57.1761

■ 8.3283, 6.7810,
10.7333

■ 63.7165, 59.0207,
77.5328

■ 4.3593, 3.3255,
5.7759

■ 84.4603, 79.1519,
102.2250

■ 1.9073, 1.3039,
2.6427

■ 109.2786,
103.4078, 131.6712

■ 0.5811, 0.1442,
0.9144

138.5368,
132.1727, 166.2900

■ 0.0000, 0.0000,
0.0000

172.6003,

165.8311, 206.4999

211.8344,
204.7673, 252.7194

■ 22.2789, 19.5312,
27.7950

■ 22.2789, 19.5312,
27.7950

■ 20.6765, 16.5338,
26.6209

■ 24.1422, 23.0465,
29.0667

■ 19.3209, 14.0270,
25.5391

■ 26.2762, 27.1001,
30.4387

■ 18.1995, 11.9851,
24.5455

■ 28.6921, 31.7144,
31.9151

■ 17.2975, 10.3789,
23.6351

■ 31.4004, 36.9098,
33.4992

■ 16.5987, 9.1759,
22.8025

■ 34.4105, 42.7057,
35.1945

■ 16.0847, 8.3391,
22.0415

■ 37.7319, 49.1206,
37.0039

■ 15.7336, 7.8248,
21.3447

■ 41.3733, 56.1722,
38.9305

■ 15.5356, 7.5632,
20.8650

■ 45.3432, 63.8775,
40.9772

■ 49.6499, 72.2527,
43.1467

Harmonies

Analogous

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



20.6194, 19.5312, 33.1267



22.2789, 19.5312, 27.7950



22.9311, 19.5312, 21.4244

Triad

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



22.2789, 19.5312, 27.7950



18.6190, 19.5312, 11.6222



15.2382, 19.5312, 27.4694

Complementary

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



22.2789, 19.5312, 27.7950



19.9606, 24.9570, 20.2892

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.



14.7895, 19.5312, 21.1087



22.2789, 19.5312, 27.7950



16.6496, 19.5312, 12.6400

Square

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



22.2789, 19.5312, 27.7950



20.7220, 19.5312, 12.7519



15.2866, 19.5312, 15.8492



16.5610, 19.5312, 32.9151

Rectangle

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



22.2789, 19.5312, 27.7950



22.6717, 19.5312, 17.6597



15.2866, 19.5312, 15.8492



14.9848, 19.5312, 25.3330

Sweetspot

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



22.2795, 19.5321, 27.7954



45.3179, 45.2240, 53.4098



18.0884, 17.3365, 29.1811



10.0394, 9.9806, 11.8546



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.2795, 19.5321, 27.7954



38.4625, 32.2852, 48.7451



21.1512, 19.0807, 21.8540



5.5985, 5.4999, 6.6497



13.3317, 6.4897, 17.9298



0.1326, 0.0641, 0.1984

Inverse Universe

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



22.2795, 19.5321, 27.7954



38.4625, 32.2852, 48.7451



20.9970, 25.3715, 25.7467



5.5985, 5.4999, 6.6497



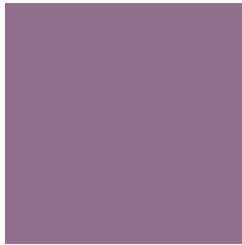
13.3317, 6.4897, 17.9298



0.1326, 0.0641, 0.1984

Previews

White Background



This preview shows how the XYZ color 22.2789, 19.5312, 27.7950 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 22.2789, 19.5312, 27.7950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

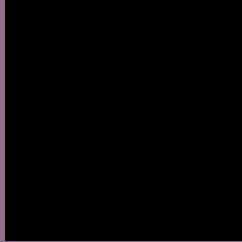
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2789, 19.5312, 27.7950

Background



This preview shows how black text looks on a background with the XYZ color 22.2789, 19.5312, 27.7950.



This preview shows how white text looks on a background with the XYZ color 22.2789, 19.5312,

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

22.2789, 19.5312, 27.7950

Protanopia

19.4400, 19.5632, 30.3552

Deuteranopia

19.9346, 19.5227, 27.5285



Tritanopia

21.0965, 19.5563, 21.7316

Trichromacy



Original Color

22.2789, 19.5312, 27.7950

Protanomaly

20.3417, 19.5132, 29.4824

Deuteranomaly

20.6519, 19.3708, 27.4614

Tritanomaly

21.5482, 19.5756, 23.7619

Monochromacy



Original Color

22.2789, 19.5312, 27.7950

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.3289, 19.9772, 24.2573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2789, 19.5312, 27.7950 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(145, 112, 141)` looks like.

```
.text, #text, p{  
    color:rgb(145, 112, 141)  
}
```

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(145, 112, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 112, 141) }
```

Border

The CSS property to change the border of an element to XYZ 22.2789, 19.5312, 27.7950 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(145, 112, 141) }
```


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

```
.border{ border-color:rgb(145, 112, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 112, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 112, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 112, 141);  
box-shadow:4px 4px 4px 4px rgb(145, 112,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2789, 19.5312, 27.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 112, 141) }
```

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

```
.background{ background-color: rgb(145,  
112, 141) }
```

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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