

Converting Colors

XYZ(22.8139, 21.0360, 29.0632)

Have a look what the booklet for
XYZ(22.8139, 21.0360, 29.0632)
contains.

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Color

**XYZ(22.7862, 20.9581,
29.2299)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7790
RGB	142, 119, 144
RGB Percent	56%, 47%, 56%
CMY	0.4431, 0.5333, 0.4353
CMYK	0.01, 0.17, 0.00, 0.44
HSL	295°, 10%, 52%
HSV	295°, 17%, 56%
XYZ	22.7862, 20.9581, 29.2299
YIQ	128.7270, 5.6830, 12.6510

Conversions

Conversions Part 2

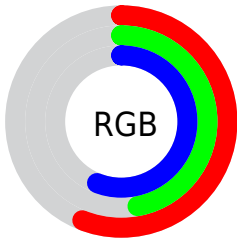
Format	Color
R_{YB}	142, 119, 144
Decimal	9336720
CIE _{Lab}	52.90, 13.61, -10.22
CIE _{LCh}	53, 17.020, 323.100
Yxy	20.9581, 0.3123, 0.2872
Android (android.graphics.Color)	4287526800 (0xFF8E7790)
YUV	128.7270, 7.5296, 11.6404
Hunter-Lab	45.7800, 8.7302, -5.8098

Details

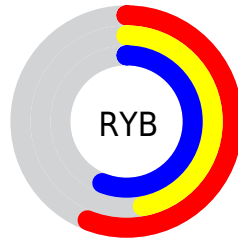
The XYZ color **22.7862, 20.9581, 29.2299** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.1890, 25.3439, 21.2290**, and the grayscale version is **20.7445, 21.8248, 23.7672**.

A 20% lighter version of the original color is **47.5209, 44.9388, 59.5955**, and **8.6242, 7.4638, 11.5758** is the 20% darker color. If you saturate the color by 10%, you get **21.0042, 17.6857, 28.6925**, and if you desaturate by 10%, it is **24.8312, 24.7527, 29.8549**.

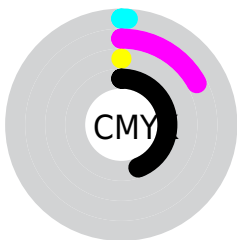
Distribution



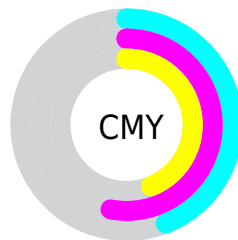
- Red (56%)
- Green (47%)
- Blue (56%)



- Red (56%)
- Yellow (47%)
- Blue (56%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (44%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7862, 20.9581, 29.2299 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 22.7862, 20.9581, 29.2299 by changing the saturation by 10% instead.

■ 22.7862, 20.9581,
29.2299

■ 22.7862, 20.9581,
29.2299

259.1809,
257.0557, 312.3930

■ 14.5555, 13.0934,
19.0077

■ 47.5113, 45.0178,
59.4887

■ 8.5923, 7.4929,
11.4990

■ 64.7364, 61.9815,
80.3624

■ 4.5312, 3.7722,
6.2852

■ 85.6904, 82.7471,
105.6237

■ 2.0068, 1.5470,
2.9477

110.7386,
107.6989, 135.6911

■ 0.6378, 0.3214,
1.0680

140.2464,
137.2212, 170.9832

■ 0.0000, 0.0000,
0.0000

174.5792,

171.6985, 211.9185

214.1022,
211.5153, 258.9156

■ 22.7862, 20.9581,
29.2299

■ 22.7862, 20.9581,
29.2299

■ 21.0042, 17.6857,
28.6925

■ 24.8312, 24.7527,
29.8549

■ 19.4716, 14.9095,
28.2374

■ 27.1482, 29.0887,
30.5697

■ 18.1766, 12.6053,
27.8609

■ 29.7481, 33.9875,
31.3782

■ 17.1055, 10.7460,
27.5585

■ 32.6408, 39.4686,
32.2837

■ 16.2432, 9.3013,
27.3251

■ 35.8354, 45.5506,
33.2893

■ 15.5729, 8.2377,
27.1551

■ 39.3408, 52.2512,
34.3979

■ 15.0751, 7.5160,
27.0420

■ 43.1656, 59.5875,
35.6123

■ 14.7142, 7.0652,
26.9741

■ 47.3180, 67.5757,
36.9354

■ 14.6251, 6.9580,
26.9581

■ 51.8058, 76.2317,
38.3696

Harmonies

Analogous

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



21.2942, 20.9581, 33.0827



22.7862, 20.9581, 29.2299



23.5171, 20.9581, 24.0185

Triad

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



22.7862, 20.9581, 29.2299



20.3343, 20.9581, 14.4019



16.9330, 20.9581, 26.8884

Complementary

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



22.7862, 20.9581, 29.2299



21.1890, 25.3439, 21.2290

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.



16.7099, 20.9581, 21.6617



22.7862, 20.9581, 29.2299



18.6064, 20.9581, 14.9347

Square

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



22.7862, 20.9581, 29.2299



22.0479, 20.9581, 15.8406



17.3049, 20.9581, 17.4229



17.9337, 20.9581, 31.5963

Rectangle

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



22.7862, 20.9581, 29.2299



23.4453, 20.9581, 20.6681



17.3049, 20.9581, 17.4229



16.7672, 20.9581, 25.1159

Sweetspot

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



22.7868, 20.9590, 29.2304



44.6755, 45.2984, 52.9268



19.4903, 19.6317, 29.1479



10.1882, 10.2818, 12.1198



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.



22.7868, 20.9590, 29.2304



38.8555, 34.5072, 51.1507



22.3732, 20.8335, 25.2450



5.5843, 5.4894, 6.7940



12.7448, 6.0638, 23.4758



0.1300, 0.0622, 0.2248

Inverse Universe

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



21.5504, 20.5044, 20.9122



36.2490, 33.5515, 33.4983



21.5720, 25.4651, 24.6935



5.4253, 5.4307, 5.7377



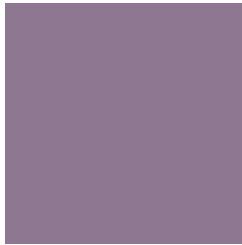
10.0752, 5.1871, 0.7811



0.0991, 0.0507, 0.0221

Previews

White Background



This preview shows how the XYZ color 22.7862, 20.9581, 29.2299 looks on a white background.

Color Contrast Check

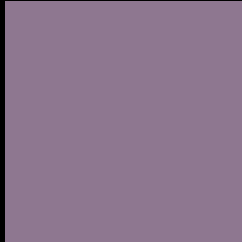
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7862, 20.9581, 29.2299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

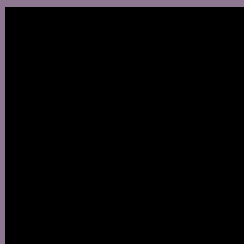
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.7862, 20.9581, 29.2299

Background



This preview shows how black text looks on a background with the XYZ color 22.7862, 20.9581, 29.2299.



This preview shows how white text looks on a background with the XYZ color 22.7862, 20.9581,

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

22.7862, 20.9581, 29.2299

Protanopia

20.7050, 20.9429, 30.9681

Deuteranopia

21.4010, 20.9744, 28.9071



Tritanopia

21.7493, 20.8889, 24.3584

Trichromacy



Original Color

22.7862, 20.9581, 29.2299

Protanomaly

21.4027, 20.9396, 30.5175

Deuteranomaly

21.9091, 21.0531, 28.8955

Tritanomaly

22.1449, 20.8732, 26.1543

Monochromacy



Original Color

22.7862, 20.9581, 29.2299

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.4682, 21.4568, 25.5643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7862, 20.9581, 29.2299 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(142, 119, 144)` looks like.

```
.text, #text, p{  
    color:rgb(142, 119, 144)  
}
```

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(142, 119, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 119, 144) }
```

Border

The CSS property to change the border of an element to XYZ 22.7862, 20.9581, 29.2299 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(142, 119, 144) }
```


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

```
.border{ border-color:rgb(142, 119, 144) }
```

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

Here you see how a box with a 4 pixel rgb(142, 119, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 119, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 119, 144);  
box-shadow:4px 4px 4px 4px rgb(142, 119,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7862, 20.9581, 29.2299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 119, 144) }
```

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

```
.background{ background-color: rgb(142,  
119, 144) }
```

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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