

Converting Colors

XYZ(22.8027, 17.6659, 25.7438)

Have a look what the booklet for
XYZ(22.8027, 17.6659, 25.7438)
contains.

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Color

**XYZ(22.7877, 17.7096,
25.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6289
RGB	157, 98, 137
RGB Percent	62%, 38%, 54%
CMY	0.3843, 0.6157, 0.4627
CMYK	0.00, 0.38, 0.13, 0.38
HSL	320°, 23%, 50%
HSV	320°, 38%, 62%
XYZ	22.7877, 17.7096, 25.8842
YIQ	120.0870, 22.6450, 24.6370

Conversions

Conversions Part 2

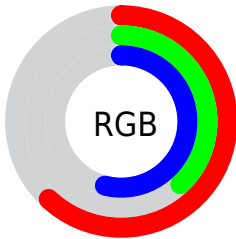
Format	Color
R_{YB}	157, 98, 137
Decimal	10314377
CIE _{Lab}	49.14, 29.83, -11.58
CIE _{LCh}	49, 32.001, 338.782
Yxy	17.7096, 0.3433, 0.2668
Android (android.graphics.Color)	4288504457 (0xFF9D6289)
YUV	120.0870, 8.3381, 32.3727
Hunter-Lab	42.0828, 23.0124, -7.0100

Details

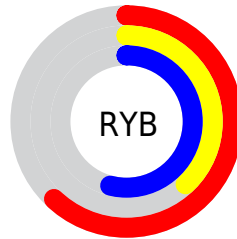
The XYZ color **22.7877, 17.7096, 25.8842** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.3648, 28.0192, 21.4757**, and the grayscale version is **17.8500, 18.7796, 20.4510**.

A 20% lighter version of the original color is **47.6412, 39.6765, 53.8626**, and **8.5698, 5.9124, 9.7063** is the 20% darker color. If you saturate the color by 10%, you get **21.0879, 14.9058, 23.4802**, and if you desaturate by 10%, it is **24.7955, 21.0988, 28.4842**.

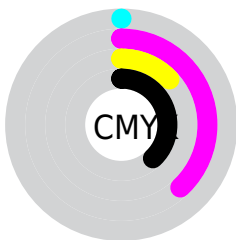
Distribution



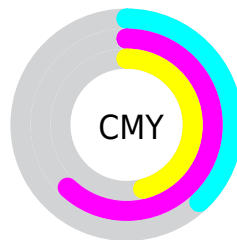
- Red (62%)
- Green (38%)
- Blue (54%)



- Red (62%)
- Yellow (38%)
- Blue (54%)



- Cyan (0%)
- Magenta (38%)
- Yellow (13%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7877, 17.7096, 25.8842 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 22.7877, 17.7096, 25.8842 by changing the saturation by 10% instead.

■ 22.7877, 17.7096,
25.8842

■ 22.7877, 17.7096,
25.8842

259.1884,
239.2291, 295.8005

■ 14.5567, 10.7417,
16.5120

■ 47.5137, 39.5419,
54.0699

■ 8.5931, 5.8934,
9.7289

■ 64.7394, 55.1750,
73.7204

■ 4.5317, 2.7804,
5.1164

■ 85.6940, 74.4654,
97.6343

■ 2.0071, 1.0182,
2.2558

■ 110.7429, 97.7973,
126.2298

■ 0.6380, 0.0000,
0.7063

140.2515,
125.5553, 159.9257

■ 0.0000, 0.0000,
0.0000

174.5850,

158.1236, 199.1404

214.1089,
195.8868, 244.2925

■ 22.7877, 17.7096,
25.8842

■ 22.7877, 17.7096,
25.8842

■ 21.0879, 14.9058,
23.4802

■ 24.7955, 21.0988,
28.4842

■ 19.6774, 12.6511,
21.2641

■ 27.1256, 25.1022,
31.2856

■ 18.5377, 10.9087,
19.2285

■ 29.7932, 29.7496,
34.2950

■ 17.6474, 9.6365,
17.3650

■ 32.8120, 35.0681,
37.5183

■ 16.9820, 8.7854,
15.6638

■ 36.1951, 41.0833,
40.9610

■ 16.4993, 8.2720,
14.1096

■ 39.9546, 47.8193,
44.6283

■ 16.3922, 8.1631,
13.7491

■ 44.1024, 55.2993,
48.5254

■ 48.6497, 63.5453,
52.6572

■ 53.6071, 72.5783,
57.0283

Harmonies

Analogous

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



20.7007, 17.7096, 35.1964



22.7877, 17.7096, 25.8842



23.1848, 17.7096, 16.8741

Triad

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



22.7877, 17.7096, 25.8842



15.9689, 17.7096, 7.1498



12.7329, 17.7096, 31.5588

Complementary

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



22.7877, 17.7096, 25.8842



20.3648, 28.0192, 21.4757

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.



11.7613, 17.7096, 21.9104



22.7877, 17.7096, 25.8842



13.4788, 17.7096, 9.0767

Square

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



22.7877, 17.7096, 25.8842



19.0024, 17.7096, 7.6374



12.0172, 17.7096, 13.9115



14.8343, 17.7096, 39.0904

Rectangle

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



22.7877, 17.7096, 25.8842



22.3973, 17.7096, 12.3857



12.0172, 17.7096, 13.9115



12.2754, 17.7096, 28.3573

Sweetspot

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



22.7882, 17.7104, 25.8846



51.5484, 50.1168, 59.4159



17.8803, 14.9989, 33.8513



11.2116, 10.7989, 12.9265



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.7882, 17.7104, 25.8846



38.2493, 27.4824, 42.7628



20.9709, 16.9835, 16.3147



6.8085, 6.7163, 7.8427



13.3311, 6.6370, 11.2602



0.2573, 0.1263, 0.3012

Inverse Universe

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



22.7882, 17.7104, 25.8846



38.2493, 27.4824, 42.7628



22.3742, 28.8230, 32.0571



6.8085, 6.7163, 7.8427



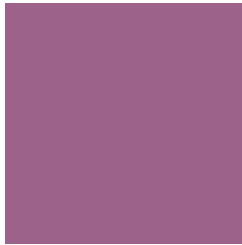
13.3311, 6.6370, 11.2602



0.2573, 0.1263, 0.3012

Previews

White Background



This preview shows how the XYZ color 22.7877, 17.7096, 25.8842 looks on a white background.

Color Contrast Check

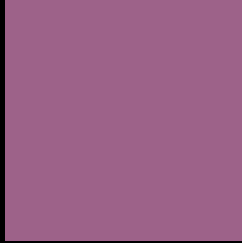
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7877, 17.7096, 25.8842 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 22.7877, 17.7096, 25.8842

Background



This preview shows how black text looks on a background with the XYZ color 22.7877, 17.7096, 25.8842.



This preview shows how white text looks on a background with the XYZ color 22.7877, 17.7096,

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

22.7877, 17.7096, 25.8842

Protanopia

17.9769, 17.9119, 30.9436

Deuteranopia

18.2055, 17.8208, 25.0345



Tritanopia

21.0459, 17.7182, 17.3496

Trichromacy



Original Color

22.7877, 17.7096, 25.8842

Protanomaly

19.1837, 17.4172, 29.1388

Deuteranomaly

19.5673, 17.5427, 25.2764

Tritanomaly

21.5614, 17.6320, 20.0362

Monochromacy



Original Color

22.7877, 17.7096, 25.8842

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.2329, 18.0812, 22.2150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7877, 17.7096, 25.8842 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(157, 98, 137)` looks like.

```
.text, #text, p{  
    color:rgb(157, 98, 137)  
}
```

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(157, 98, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 98, 137) }
```

Border

The CSS property to change the border of an element to XYZ 22.7877, 17.7096, 25.8842 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(157, 98, 137) }
```


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

```
.border{ border-color:rgb(157, 98, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 98, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 98, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 98, 137); box-shadow:4px 4px 4px 4px rgb(157, 98, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7877, 17.7096, 25.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 98, 137) }
```

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

```
.background{ background-color: rgb(157, 98,  
137) }
```

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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