

Converting Colors

XYZ(22.8423, 17.3185, 25.5932)

Have a look what the booklet for
XYZ(22.8423, 17.3185, 25.5932)
contains.

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Color

**XYZ(22.8342, 17.3329,
25.4346)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5F88
RGB	159, 95, 136
RGB Percent	62%, 37%, 53%
CMY	0.3765, 0.6274, 0.4667
CMYK	0.00, 0.40, 0.14, 0.38
HSL	322°, 25%, 50%
HSV	322°, 40%, 62%
XYZ	22.8342, 17.3329, 25.4346
YIQ	118.8100, 24.9830, 26.3190

Conversions

Conversions Part 2

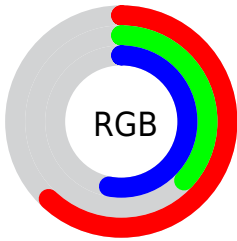
Format	Color
R_{YB}	159, 95, 136
Decimal	10444680
CIE _{Lab}	48.68, 32.05, -11.66
CIE _{LCh}	49, 34.104, 340.004
Yxy	17.3329, 0.3481, 0.2642
Android (android.graphics.Color)	4288634760 (0xFF9F5F88)
YUV	118.8100, 8.4747, 35.2466
Hunter-Lab	41.6328, 25.0439, -7.0789

Details

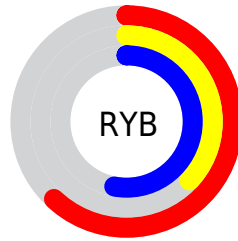
The XYZ color **22.8342, 17.3329, 25.4346** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.3882, 28.5377, 21.5746**, and the grayscale version is **17.4436, 18.3520, 19.9853**.

A 20% lighter version of the original color is **47.6434, 38.9886, 53.1586**, and **8.6006, 5.6900, 9.4491** is the 20% darker color. If you saturate the color by 10%, you get **21.1502, 14.5974, 22.9227**, and if you desaturate by 10%, it is **24.8333, 20.6634, 28.1587**.

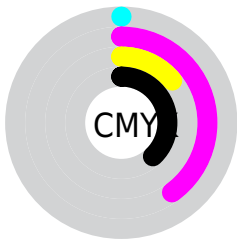
Distribution



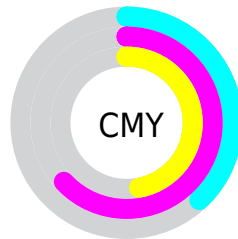
- Red (62%)
- Green (37%)
- Blue (53%)



- Red (62%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (40%)
- Yellow (14%)
- Black (38%)





- Cyan (38%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.8342, 17.3329, 25.4346 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 22.8342, 17.3329, 25.4346 by changing the saturation by 10% instead.


 22.8342, 17.3329,
25.4346


 22.8342, 17.3329,
25.4346


259.4235,
237.0835, 293.5121


 14.5911, 10.4721,
16.1792


 47.5896, 38.8973,
53.3342

 8.6174, 5.7131,
9.4953


 64.8327, 54.3696,
72.8155

 4.5476, 2.6714,
4.9644


 85.8064, 73.4813,
96.5425

 2.0163, 0.9627,
2.1680

 110.8763, 96.6168,
124.9338

 0.6431, 0.0000,
0.6558

140.4076,
124.1603, 158.4078

 0.0000, 0.0000,
0.0000

174.7656,

156.4964, 197.3832

214.3158,
194.0093, 242.2784

■ 22.8342, 17.3329,
25.4346

■ 22.8342, 17.3329,
25.4346

■ 21.1502, 14.5974,
22.9227

■ 24.8333, 20.6634,
28.1587

■ 19.7614, 12.4184,
20.6143

■ 27.1625, 24.6193,
31.1011

■ 18.6481, 10.7569,
18.5013

■ 29.8379, 29.2318,
34.2689

■ 17.7875, 9.5677,
16.5742

■ 32.8741, 34.5296,
37.6686

■ 17.1527, 8.7976,
14.8225

■ 36.2845, 40.5394,
41.3061

■ 16.6894, 8.3275,
13.2608

■ 40.0822, 47.2864,
45.1873

■ 44.2794, 54.7949,
49.3177

■ 48.8879, 63.0879,
53.7026

■ 53.9189, 72.1872,
58.3472

Harmonies

Analogous

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



20.6747, 17.3329, 35.4863



22.8342, 17.3329, 25.4346



23.1747, 17.3329, 16.0216

Triad

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



22.8342, 17.3329, 25.4346



15.4463, 17.3329, 6.4405



12.2635, 17.3329, 32.3355

Complementary

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



22.8342, 17.3329, 25.4346



20.3882, 28.5377, 21.5746

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.



11.2087, 17.3329, 22.0432



22.8342, 17.3329, 25.4346



12.8854, 17.3329, 8.4735

Square

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



22.8342, 17.3329, 25.4346



18.6296, 17.3329, 6.8293



11.4209, 17.3329, 13.5491



14.4922, 17.3329, 40.2687

Rectangle

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



22.8342, 17.3329, 25.4346



22.2846, 17.3329, 11.4705



11.4209, 17.3329, 13.5491



11.7736, 17.3329, 28.9231

Sweetspot

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



22.8347, 17.3337, 25.4350



52.4380, 50.6207, 60.2168



17.7410, 14.4982, 34.6645



11.6878, 11.1801, 13.4191



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.



22.8347, 17.3337, 25.4350



38.2496, 26.7381, 41.6322



20.9202, 16.5679, 15.3533



6.8029, 6.7141, 7.8130



13.2021, 6.5854, 10.5813



0.2556, 0.1256, 0.2922

Inverse Universe

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



22.8347, 17.3337, 25.4350



38.2496, 26.7381, 41.6322



22.5749, 29.4123, 33.0893



6.8029, 6.7141, 7.8130



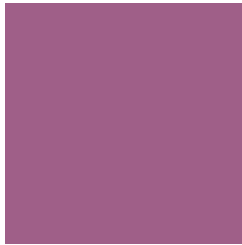
13.2021, 6.5854, 10.5813



0.2556, 0.1256, 0.2922

Previews

White Background



This preview shows how the XYZ color 22.8342, 17.3329, 25.4346 looks on a white background.

Color Contrast Check

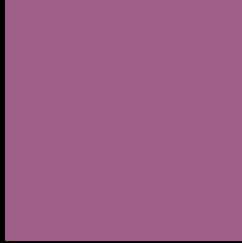
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8342, 17.3329, 25.4346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

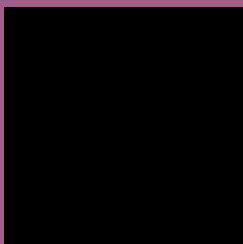
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.8342, 17.3329, 25.4346

Background



This preview shows how black text looks on a background with the XYZ color 22.8342, 17.3329, 25.4346.



This preview shows how white text looks on a background with the XYZ color 22.8342, 17.3329,

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

22.8342, 17.3329, 25.4346

Protanopia

17.6992, 17.5893, 31.3164

Deuteranopia

17.7465, 17.4256, 24.6184



Tritanopia

20.9742, 17.2650, 16.4144

Trichromacy



Original Color

22.8342, 17.3329, 25.4346

Protanomaly

19.0776, 17.2051, 29.1035

Deuteranomaly

19.2886, 17.0976, 24.8378

Tritanomaly

21.5423, 17.2115, 19.3263

Monochromacy



Original Color

22.8342, 17.3329, 25.4346

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.1091, 17.7009, 21.8115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8342, 17.3329, 25.4346 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(159, 95, 136)` looks like.

```
.text, #text, p{  
  color:rgb(159, 95, 136)  
}
```

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(159, 95, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 95, 136) }
```

Border

The CSS property to change the border of an element to XYZ 22.8342, 17.3329, 25.4346 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(159, 95, 136) }
```


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

```
.border{ border-color:rgb(159, 95, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 95, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 95, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 95, 136); box-shadow:4px 4px 4px 4px rgb(159, 95, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8342, 17.3329, 25.4346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 95, 136) }
```

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

```
.background{ background-color: rgb(159, 95,  
136) }
```

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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