

Converting Colors

XYZ(25.7760, 23.5053, 28.7987)

Have a look what the booklet for
XYZ(25.7760, 23.5053, 28.7987)
contains.

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Color

**XYZ(25.8004, 23.4362,
28.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7C8E
RGB	156, 124, 142
RGB Percent	61%, 49%, 56%
CMY	0.3882, 0.5137, 0.4431
CMYK	0.00, 0.21, 0.09, 0.39
HSL	326°, 14%, 55%
HSV	326°, 21%, 61%
XYZ	25.8004, 23.4362, 28.7550
YIQ	135.6200, 13.2940, 12.3820

Conversions

Conversions Part 2

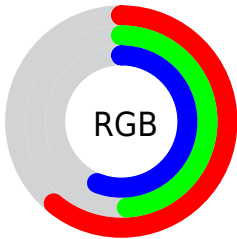
Format	Color
R _Y B	156, 124, 142
Decimal	10255502
CIE Lab	55.52, 15.47, -5.01
CIE LCh	56, 16.262, 342.064
Yxy	23.4362, 0.3308, 0.3005
Android (android.graphics.Color)	4288445582 (0xFF9C7C8E)
YUV	135.6200, 3.1453, 17.8733
Hunter-Lab	48.4109, 10.4116, -1.3292

Details

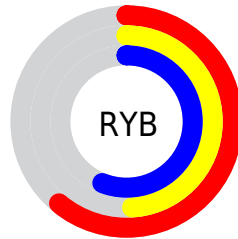
The XYZ color **25.8004, 23.4362, 28.7550** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7890, 29.8976, 28.5104**, and the grayscale version is **23.2454, 24.4560, 26.6326**.

A 20% lighter version of the original color is **52.5499, 49.2787, 58.9666**, and **10.1568, 8.7479, 11.2784** is the 20% darker color. If you saturate the color by 10%, you get **23.5012, 19.6327, 25.5373**, and if you desaturate by 10%, it is **28.4417, 27.8730, 32.2421**.

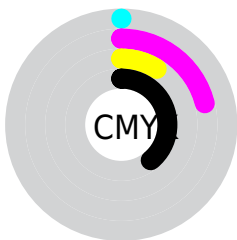
Distribution



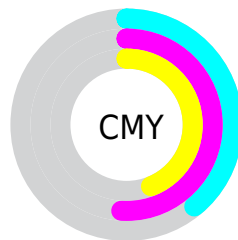
- Red (61%)
- Green (49%)
- Blue (56%)



- Red (61%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (39%)



- Cyan (39%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8004, 23.4362, 28.7550 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 25.8004, 23.4362, 28.7550 by changing the saturation by 10% instead.

■ 25.8004, 23.4362,
28.7550

■ 25.8004, 23.4362,
28.7550

274.0756,
269.9576, 310.0819

■ 16.8063, 14.9159,
18.6516

■ 52.3864, 49.1086,
58.7251

■ 10.1909, 8.7604,
11.2445

■ 70.7089, 67.0295,
79.4289

■ 5.5890, 4.5852,
6.1153

■ 92.8717, 88.8527,
104.5033

■ 2.6351, 2.0060,
2.8454

119.2399,
114.9626, 134.3667

■ 0.9639, 0.6110,
1.0163

150.1791,
145.7437, 169.4377

■ 0.0000, 0.0000,
0.0000

186.0545,

181.5803, 210.1349

227.2316,
222.8568, 256.8768

■ 25.8004, 23.4362,
28.7550

■ 25.8004, 23.4362,
28.7550

■ 23.5012, 19.6327,
25.5373

■ 28.4417, 27.8730,
32.2421

■ 21.5269, 16.4300,
22.5797

■ 31.4370, 32.9671,
36.0046

■ 19.8620, 13.7976,
19.8745

■ 34.8004, 38.7454,
40.0498

■ 18.4887, 11.7011,
17.4130

■ 38.5445, 45.2322,
44.3847

■ 17.3876, 10.1022,
15.1855

■ 42.6811, 52.4506,
49.0155

■ 16.5362, 8.9576,
13.1815

■ 47.2217, 60.4227,
53.9487

■ 15.9088, 8.2162,
11.3894

■ 52.1774, 69.1695,
59.1901

■ 15.4613, 7.7683,
9.8618

■ 57.5585, 78.7115,
64.7457

■ 60.3013, 82.9203,
69.5965

Harmonies

Analogous

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



24.7216, 23.4362, 33.7709



25.8004, 23.4362, 28.7550



25.9036, 23.4362, 23.4655

Triad

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



25.8004, 23.4362, 28.7550



21.5467, 23.4362, 16.8637



19.7595, 23.4362, 32.8971

Complementary

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



25.8004, 23.4362, 28.7550



24.7890, 29.8976, 28.5104

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.



19.0029, 23.4362, 27.6869



25.8004, 23.4362, 28.7550



19.9961, 23.4362, 18.7328

Square

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



25.8004, 23.4362, 28.7550



23.3787, 23.4362, 17.0676



19.0871, 23.4362, 22.5336



21.2074, 23.4362, 36.3788

Rectangle

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



25.8004, 23.4362, 28.7550



25.3984, 23.4362, 20.5249



19.0871, 23.4362, 22.5336



19.4196, 23.4362, 31.2616

Sweetspot

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



25.8011, 23.4372, 28.7555



53.9664, 54.5384, 61.4993



23.6685, 22.2087, 34.4920



11.8053, 11.8825, 13.4447



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.



25.8011, 23.4372, 28.7555



44.7041, 38.9843, 49.2544



24.6933, 22.9941, 22.9218



6.7814, 6.7055, 7.7001



12.7529, 6.4057, 8.2158



0.2491, 0.1230, 0.2577

Inverse Universe

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



25.8011, 23.4372, 28.7555



44.7041, 38.9843, 49.2544



26.0230, 30.3912, 35.0085



6.7814, 6.7055, 7.7001



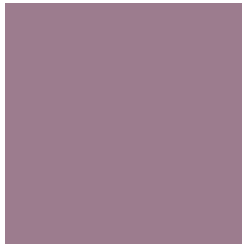
12.7529, 6.4057, 8.2158



0.2491, 0.1230, 0.2577

Previews

White Background



This preview shows how the XYZ color 25.8004, 23.4362, 28.7550 looks on a white background.

Color Contrast Check

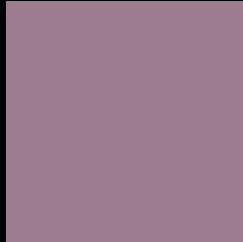
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8004, 23.4362, 28.7550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

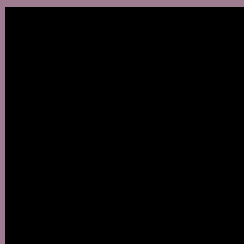
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8004, 23.4362, 28.7550

Background



This preview shows how black text looks on a background with the XYZ color 25.8004, 23.4362, 28.7550.



This preview shows how white text looks on a background with the XYZ color 25.8004, 23.4362,

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

25.8004, 23.4362, 28.7550

Protanopia

22.8778, 23.4344, 30.9213

Deuteranopia

23.9857, 23.4632, 28.4640



Tritanopia

25.2244, 23.3851, 26.1060

Trichromacy



Original Color

25.8004, 23.4362, 28.7550

Protanomaly

23.7763, 23.3203, 30.0362

Deuteranomaly

24.6098, 23.3977, 28.4184

Tritanomaly

25.4386, 23.4708, 27.2343

Monochromacy



Original Color

25.8004, 23.4362, 28.7550

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.1664, 24.1771, 27.4377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8004, 23.4362, 28.7550 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(156, 124, 142)` looks like.

```
.text, #text, p{  
    color:rgb(156, 124, 142)  
}
```

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(156, 124, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 124, 142) }
```

Border

The CSS property to change the border of an element to XYZ 25.8004, 23.4362, 28.7550 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(156, 124, 142) }
```


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

```
.border{ border-color:rgb(156, 124, 142) }
```

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

Here you see how a box with a 4 pixel rgb(156, 124, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 124, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 124, 142);  
box-shadow:4px 4px 4px 4px rgb(156, 124,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8004, 23.4362, 28.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 124, 142) }
```

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

```
.background{ background-color: rgb(156,  
124, 142) }
```

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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