

Converting Colors

XYZ(25.7514, 19.8940, 22.2220)

Have a look what the booklet for
XYZ(25.7514, 19.8940, 22.2220)
contains.

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Color

**XYZ(25.7508, 19.8933,
22.2212)**

Conversions

Conversions Part 1

Format	Color
Hex	AD667E
RGB	173, 102, 126
RGB Percent	68%, 40%, 49%
CMY	0.3216, 0.6000, 0.5059
CMYK	0.00, 0.41, 0.27, 0.32
HSL	340°, 30%, 54%
HSV	340°, 41%, 68%
XYZ	25.7508, 19.8933, 22.2212
YIQ	125.9650, 34.6120, 22.5160

Conversions

Conversions Part 2

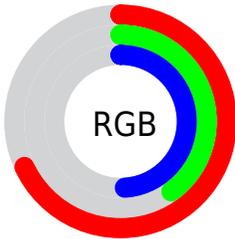
Format	Color
RYB	173, 102, 126
Decimal	11363966
CIELab	51.72, 31.65, -1.00
CIELCh	52, 31.670, 358.192
Yxy	19.8933, 0.3794, 0.2931
Android (android.graphics.Color)	4289554046 (0xFFAD667E)
YUV	125.9650, 0.0173, 41.2497
Hunter-Lab	44.6019, 25.0032, 1.6824

Details

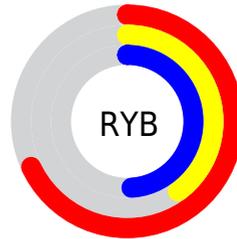
The XYZ color **25.7508, 19.8933, 22.2212** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.8487, 34.8823, 33.8061**, and the grayscale version is **19.8115, 20.8432, 22.6983**.

A 20% lighter version of the original color is **52.3254, 43.1889, 48.2263**, and **10.2204, 7.0040, 7.8344** is the 20% darker color. If you saturate the color by 10%, you get **23.5274, 16.5622, 18.0404**, and if you desaturate by 10%, it is **28.4147, 23.9697, 26.9668**.

Distribution



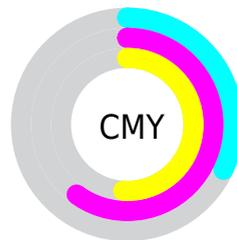
- Red (68%)
- Green (40%)
- Blue (49%)



- Red (68%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (41%)
- Yellow (27%)
- Black (32%)



- Cyan (32%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7508, 19.8933, 22.2212 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 25.7508, 19.8933, 22.2212 by changing the saturation by 10% instead.

 25.7508, 19.8933,
22.2212

 25.7508, 19.8933,
22.2212

273.8358,
251.3369, 276.6904

 16.7690, 12.3175,
13.8197

 52.3068, 43.2382,
48.0182

 10.1642, 6.9603,
7.8580

 70.6118, 59.7761,
66.2507

 5.5711, 3.4373,
3.9178

 92.7551, 80.0702,
88.5973

 2.6242, 1.3641,
1.5803

 119.1023,
104.5049, 115.4765

 0.9583, 0.1900,
0.2767

150.0186,
133.4645, 147.3069

 0.0000, 0.0000,
0.0000

185.8693,

167.3334, 184.5070

227.0200,
206.4961, 227.4953

■ 25.7508, 19.8933,
22.2212

■ 25.7508, 19.8933,
22.2212

■ 23.5274, 16.5622,
18.0404

■ 28.4147, 23.9697,
26.9668

■ 21.7179, 13.9280,
14.4007

■ 31.5405, 28.8303,
32.2969

■ 20.2948, 11.9409,
11.2786

■ 35.1501, 34.5146,
38.2319

■ 19.2270, 10.5431,
8.6479

■ 39.2635, 41.0587,
44.7906

■ 18.4777, 9.6667,
6.4795

■ 43.8996, 48.4966,
51.9911

 18.0094, 9.1946,
4.8919

 49.0762, 56.8602,
59.8506

 54.8105, 66.1800,
68.3858

 61.1185, 76.4851,
77.6127

 67.1470, 86.0656,
87.2570

Harmonies

Analogous

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



24.6354, 19.8933, 32.3423



25.7508, 19.8933, 22.2212



24.8678, 19.8933, 14.3547

Triad

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



25.7508, 19.8933, 22.2212



16.1468, 19.8933, 9.5432



15.8460, 19.8933, 40.3581

Complementary

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



25.7508, 19.8933, 22.2212



25.8487, 34.8823, 33.8061

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.



13.9857, 19.8933, 31.1005



25.7508, 19.8933, 22.2212



14.1451, 19.8933, 13.6350

Square

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



25.7508, 19.8933, 22.2212



19.1028, 19.8933, 8.3876



13.3994, 19.8933, 21.1092



18.7145, 19.8933, 44.4862

Rectangle

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



25.7508, 19.8933, 22.2212



23.3148, 19.8933, 10.9993



13.3994, 19.8933, 21.1092



15.0947, 19.8933, 37.6344

Sweetspot

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



25.7514, 19.8943, 22.2216



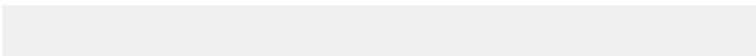
62.1486, 60.5426, 67.1688



24.5349, 18.8308, 41.8768



13.3239, 12.8691, 14.3005



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.7514, 19.8943, 22.2216



42.5676, 30.3005, 33.1429



25.4987, 21.5768, 15.3924



8.1128, 8.0584, 8.9046



13.2549, 6.7645, 3.7219



0.3947, 0.1986, 0.2403

Inverse Universe

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



25.7514, 19.8943, 22.2216



42.5676, 30.3005, 33.1429



26.0051, 31.8066, 44.3039



8.1128, 8.0584, 8.9046



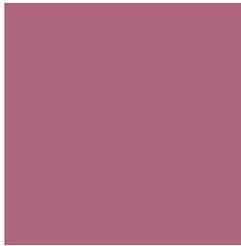
13.2549, 6.7645, 3.7219



0.3947, 0.1986, 0.2403

Previews

White Background



This preview shows how the XYZ color 25.7508, 19.8933, 22.2212 looks on a white background.

Color Contrast Check

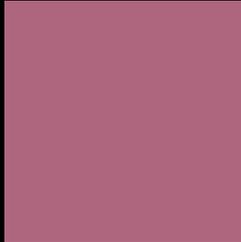
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7508, 19.8933, 22.2212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

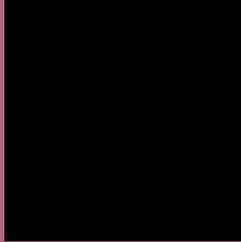
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7508, 19.8933, 22.2212

Background



This preview shows how black text looks on a background with the XYZ color 25.7508, 19.8933, 22.2212.



This preview shows how white text looks on a background with the XYZ color 25.7508, 19.8933,

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

25.7508, 19.8933, 22.2212

Protanopia

19.7692, 20.1676, 27.2769

Deuteranopia

20.4450, 20.0972, 21.5405



Tritanopia

24.8882, 19.8411, 17.8472

Trichromacy



Original Color

25.7508, 19.8933, 22.2212

Protanomaly

21.4183, 19.6454, 25.2173

Deuteranomaly

21.9376, 19.6551, 21.7063

Tritanomaly

25.0744, 19.7555, 19.3213

Monochromacy



Original Color

25.7508, 19.8933, 22.2212

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.4549, 20.0686, 22.4815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7508, 19.8933, 22.2212 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(173, 102, 126)` looks like.

```
.text, #text, p{  
    color:rgb(173, 102, 126)  
}
```

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(173, 102, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 102, 126) }
```

Border

The CSS property to change the border of an element to XYZ 25.7508, 19.8933, 22.2212 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(173, 102, 126) }
```

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

```
.border{ border-color:rgb(173, 102, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 102, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 102, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 102, 126);  
box-shadow:4px 4px 4px 4px rgb(173, 102,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7508, 19.8933, 22.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 102, 126) }
```

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

```
.background{ background-color: rgb(173,  
102, 126) }
```

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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