

Converting Colors

XYZ(25.6617, 19.8141, 37.1223)

Have a look what the booklet for
XYZ(25.6617, 19.8141, 37.1223)
contains.

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Color

**XYZ(25.6617, 19.8141,
37.1223)**

Conversions

Conversions Part 1

Format	Color
Hex	9E68A3
RGB	158, 104, 163
RGB Percent	62%, 41%, 64%
CMY	0.3804, 0.5921, 0.3608
CMYK	0.03, 0.36, 0.00, 0.36
HSL	295°, 24%, 52%
HSV	295°, 36%, 64%
XYZ	25.6617, 19.8141, 37.1223
YIQ	126.8720, 13.2450, 29.7970

Conversions

Conversions Part 2

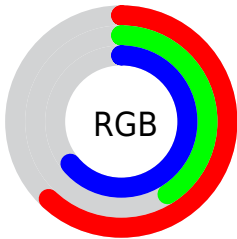
Format	Color
R_{YB}	158, 104, 163
Decimal	10381475
CIE _{Lab}	51.63, 31.67, -23.12
CIE _{LCh}	52, 39.211, 323.866
Yxy	19.8141, 0.3107, 0.2399
Android (android.graphics.Color)	4288571555 (0xFF9E68A3)
YUV	126.8720, 17.8111, 27.2993
Hunter-Lab	44.5130, 25.0072, -18.2866

Details

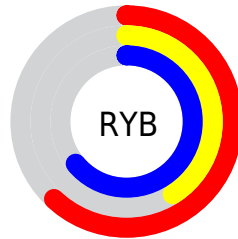
The XYZ color **25.6617, 19.8141, 37.1223** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.9033, 30.4456, 17.8199**, and the grayscale version is **20.0672, 21.1122, 22.9912**.

A 20% lighter version of the original color is **52.2749, 43.1350, 71.9004**, and **10.0611, 6.8833, 15.8373** is the 20% darker color. If you saturate the color by 10%, you get **23.9069, 16.7052, 36.6150**, and if you desaturate by 10%, it is **27.7380, 23.5606, 37.7363**.

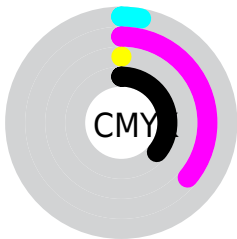
Distribution



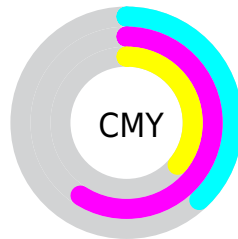
- Red (62%)
- Green (41%)
- Blue (64%)



- Red (62%)
- Yellow (41%)
- Blue (64%)



- Cyan (3%)
- Magenta (36%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (59%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6617, 19.8141, 37.1223 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 25.6617, 19.8141, 37.1223 by changing the saturation by 10% instead.


 25.6617, 19.8141,
37.1223

 25.6617, 19.8141,
37.1223


273.4047,
250.9070, 349.0243

 16.7021, 12.2600,
25.0057


 52.1639, 43.1053,
71.9493

 10.1163, 6.9210,
15.8622


 70.4372, 59.6112,
95.4967

 5.5390, 3.4127,
9.2734


 92.5457, 79.8697,
123.6915

 2.6048, 1.3508,
4.8207

 118.8548,
104.2654, 156.9521

 0.9484, 0.1800,
2.0856

149.7299,
133.1826, 195.6972

 0.0000, 0.0000,
0.6072

185.5364,

 0.0000, 0.0000,

167.0056, 240.3452

0.0000

226.6395,
206.1189, 291.3147

■ 25.6617, 19.8141,
37.1223

■ 25.6617, 19.8141,
37.1223

■ 23.9069, 16.7052,
36.6150

■ 27.7380, 23.5606,
37.7363

■ 22.4533, 14.1945,
36.2070

■ 30.1507, 27.9758,
38.4614

■ 21.2812, 12.2426,
35.8920

■ 32.9162, 33.0920,
39.3031

■ 20.3681, 10.8039,
35.6625

■ 36.0491, 38.9385,
40.2665

■ 19.6875, 9.8260,
35.5096

■ 39.5634, 45.5430,
41.3561

■ 19.2032, 9.2359,
35.4212

■ 43.4721, 52.9319,
42.5763

■ 19.0395, 9.0515,
35.3942

■ 47.7877, 61.1300,
43.9312

■ 52.5222, 70.1612,
45.4249

■ 57.6871, 80.0485,
47.0611

Harmonies

Analogous

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



22.0780, 19.8141, 48.2277



25.6617, 19.8141, 37.1223



27.4448, 19.8141, 23.9846

Triad

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



25.6617, 19.8141, 37.1223



19.6565, 19.8141, 6.3627



12.7025, 19.8141, 31.6331

Complementary

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



25.6617, 19.8141, 37.1223



21.9033, 30.4456, 17.8199

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.



12.2419, 19.8141, 19.3310



25.6617, 19.8141, 37.1223



15.9221, 19.8141, 7.1635

Square

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



25.6617, 19.8141, 37.1223



23.6791, 19.8141, 8.3376



13.3374, 19.8141, 11.1164



14.6973, 19.8141, 44.3597

Rectangle

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



25.6617, 19.8141, 37.1223



27.2167, 19.8141, 16.7671



13.3374, 19.8141, 11.1164



12.3759, 19.8141, 27.2220

Sweetspot

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



25.6623, 19.8150, 37.1227



56.3881, 54.5142, 69.6064



17.8858, 16.7187, 36.9350



12.5234, 11.9827, 15.5904



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.6623, 19.8150, 37.1227



43.5180, 31.1519, 65.7754



24.7447, 19.5638, 27.0524



7.3049, 7.1715, 8.9023



14.8159, 7.0443, 27.5086



0.3275, 0.1563, 0.5788

Inverse Universe

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



22.8156, 18.7922, 16.8937



37.7639, 29.1004, 24.1707



22.6768, 30.6859, 25.0130



7.0970, 7.0953, 7.4973



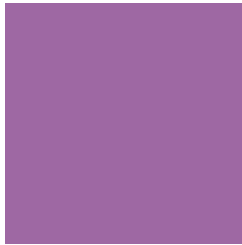
11.8072, 6.0789, 0.9091



0.2549, 0.1305, 0.0552

Previews

White Background



This preview shows how the XYZ color 25.6617, 19.8141, 37.1223 looks on a white background.

Color Contrast Check

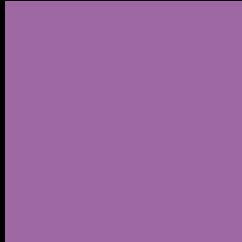
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6617, 19.8141, 37.1223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

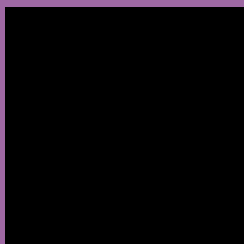
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6617, 19.8141, 37.1223

Background



This preview shows how black text looks on a background with the XYZ color 25.6617, 19.8141, 37.1223.



This preview shows how white text looks on a background with the XYZ color 25.6617, 19.8141,

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

25.6617, 19.8141, 37.1223

Protanopia

20.8392, 20.1576, 44.3874

Deuteranopia

20.3850, 19.9258, 36.0294



Tritanopia

22.3052, 19.8661, 20.7481

Trichromacy



Original Color

25.6617, 19.8141, 37.1223

Protanomaly

22.0346, 19.6000, 41.6516

Deuteranomaly

21.9238, 19.6600, 36.3575

Tritanomaly

23.3463, 19.7995, 25.8837

Monochromacy



Original Color

25.6617, 19.8141, 37.1223

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.8117, 20.4904, 27.6164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6617, 19.8141, 37.1223 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(158, 104, 163)` looks like.

```
.text, #text, p{  
    color:rgb(158, 104, 163)  
}
```

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(158, 104, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 104, 163) }
```

Border

The CSS property to change the border of an element to XYZ 25.6617, 19.8141, 37.1223 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(158, 104, 163) }
```


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

```
.border{ border-color:rgb(158, 104, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 104, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 104, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 104, 163);  
box-shadow:4px 4px 4px 4px rgb(158, 104,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6617, 19.8141, 37.1223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 104, 163) }
```

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

```
.background{ background-color: rgb(158,  
104, 163) }
```

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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