

Converting Colors

XYZ(19.6762, 15.3026, 22.7233)

Have a look what the booklet for
XYZ(19.6762, 15.3026, 22.7233)
contains.

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Color

**XYZ(19.6437, 15.3503,
22.6964)**

Conversions

Conversions Part 1

Format	Color
Hex	925C81
RGB	146, 92, 129
RGB Percent	57%, 36%, 51%
CMY	0.4274, 0.6392, 0.4941
CMYK	0.00, 0.37, 0.12, 0.43
HSL	319°, 23%, 47%
HSV	319°, 37%, 57%
XYZ	19.6437, 15.3503, 22.6964
YIQ	112.3640, 20.3070, 22.9550

Conversions

Conversions Part 2

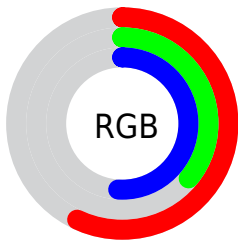
Format	Color
R_{YB}	146, 92, 129
Decimal	9591937
CIE _{Lab}	46.11, 27.90, -11.50
CIE _{LCh}	46, 30.178, 337.604
Yxy	15.3503, 0.3405, 0.2661
Android (android.graphics.Color)	4287782017 (0xFF925C81)
YUV	112.3640, 8.2015, 29.4988
Hunter-Lab	39.1795, 20.9318, -6.9207

Details

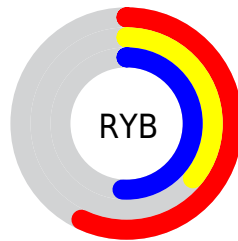
The XYZ color **19.6437, 15.3503, 22.6964** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.4536, 23.9378, 18.1697**, and the grayscale version is **15.4809, 16.2872, 17.7367**.

A 20% lighter version of the original color is **42.3534, 35.4398, 48.8643**, and **6.9647, 4.7602, 8.1412** is the 20% darker color. If you saturate the color by 10%, you get **18.2001, 12.9410, 20.7415**, and if you desaturate by 10%, it is **21.3457, 18.2540, 24.8056**.

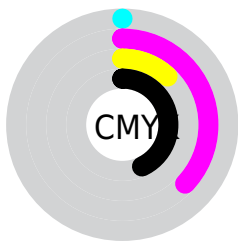
Distribution



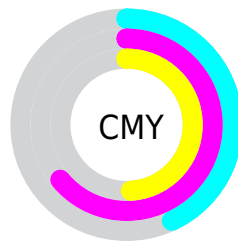
- Red (57%)
- Green (36%)
- Blue (51%)



- Red (57%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (12%)
- Black (43%)



- Cyan (43%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6437, 15.3503, 22.6964 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 19.6437, 15.3503, 22.6964 by changing the saturation by 10% instead.

■ 19.6437, 15.3503,
22.6964

■ 19.6437, 15.3503,
22.6964

242.8502,
225.4768, 279.2330

■ 12.2431, 9.0656,
14.1663

■ 42.3275, 35.4665,
48.8112

■ 6.9828, 4.7840,
8.0964

■ 58.3414, 50.0669,
67.2330

■ 3.4976, 2.1211,
4.0680

■ 77.9571, 68.2079,
89.7891

■ 1.4220, 0.6764,
1.6627

■ 101.5400, 90.2740,
116.8980

■ 0.2718, 0.0000,
0.3350

129.4554,
116.6495, 148.9783

■ 0.0000, 0.0000,
0.0000

162.0686,

147.7189, 186.4485

199.7451,
183.8665, 229.7273

■ 19.6437, 15.3503,
22.6964

■ 19.6437, 15.3503,
22.6964

■ 18.2001, 12.9410,
20.7415

■ 21.3457, 18.2540,
24.8056

■ 16.9993, 10.9958,
18.9344

■ 23.3179, 21.6760,
27.0733

■ 16.0261, 9.4843,
17.2692

■ 25.5729, 25.6411,
29.5049

■ 15.2630, 8.3718,
15.7391

■ 28.1221, 30.1717,
32.1049

■ 14.6896, 7.6179,
14.3365

■ 30.9763, 35.2893,
34.8777

■ 14.2716, 7.1545,
13.0489

■ 34.1457, 41.0140,
37.8277

■ 14.1561, 7.0318,
12.6764

■ 37.6402, 47.3651,
40.9588

■ 41.4689, 54.3610,
44.2748

■ 45.6409, 62.0192,
47.7797

Harmonies

Analogous

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



17.8125, 15.3503, 30.5940



19.6437, 15.3503, 22.6964



20.0473, 15.3503, 14.9130

Triad

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



19.6437, 15.3503, 22.6964



13.9468, 15.3503, 6.2558



11.0198, 15.3503, 26.9039

Complementary

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



19.6437, 15.3503, 22.6964



17.4536, 23.9378, 18.1697

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.



10.2256, 15.3503, 18.6542



19.6437, 15.3503, 22.6964



11.7817, 15.3503, 7.8325

Square

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



19.6437, 15.3503, 22.6964



16.5518, 15.3503, 6.7577



10.4872, 15.3503, 11.8875



12.7897, 15.3503, 33.4780

Rectangle

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



19.6437, 15.3503, 22.6964



19.4136, 15.3503, 10.9842



10.4872, 15.3503, 11.8875



10.6399, 15.3503, 24.1534

Sweetspot

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



19.6442, 15.3510, 22.6967



43.3646, 42.1489, 50.1954



15.2249, 12.9312, 28.8880



9.5421, 9.1921, 11.0535



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.6442, 15.3510, 22.6967



32.6037, 23.6497, 37.2902



18.1200, 14.7413, 14.6706



5.9584, 5.8784, 6.8870



12.4676, 6.1921, 11.2095



0.1660, 0.0811, 0.2076

Inverse Universe

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



19.6442, 15.3510, 22.6967



32.6037, 23.6497, 37.2902



19.0804, 24.5885, 26.7365



5.9584, 5.8784, 6.8870



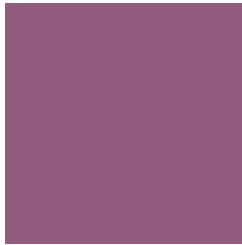
12.4676, 6.1921, 11.2095



0.1660, 0.0811, 0.2076

Previews

White Background



This preview shows how the XYZ color 19.6437, 15.3503, 22.6964 looks on a white background.

Color Contrast Check

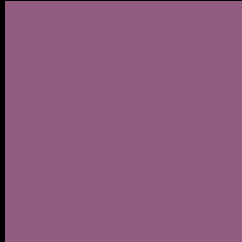
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6437, 15.3503, 22.6964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

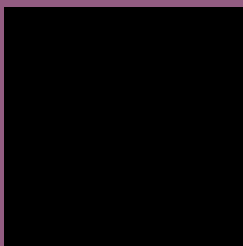
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.6437, 15.3503, 22.6964

Background



This preview shows how black text looks on a background with the XYZ color 19.6437, 15.3503, 22.6964.



This preview shows how white text looks on a background with the XYZ color 19.6437, 15.3503,

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

19.6437, 15.3503, 22.6964

Protanopia

15.4630, 15.3853, 26.9656

Deuteranopia

15.7057, 15.4665, 21.8962



Tritanopia

18.1011, 15.3885, 15.1130

Trichromacy



Original Color

19.6437, 15.3503, 22.6964

Protanomaly

16.5314, 15.0622, 25.3286

Deuteranomaly

16.8943, 15.3201, 22.1453

Tritanomaly

18.5744, 15.3060, 17.5982

Monochromacy



Original Color

19.6437, 15.3503, 22.6964

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.6338, 15.6962, 19.2925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6437, 15.3503, 22.6964 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(146, 92, 129)` looks like.

```
.text, #text, p{  
    color:rgb(146, 92, 129)  
}
```

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(146, 92, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 92, 129) }
```

Border

The CSS property to change the border of an element to XYZ 19.6437, 15.3503, 22.6964 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(146, 92, 129) }
```


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

```
.border{ border-color:rgb(146, 92, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 92, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 92, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 92, 129);  
box-shadow:4px 4px 4px 4px rgb(146, 92,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6437, 15.3503, 22.6964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 92, 129) }
```

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

```
.background{ background-color: rgb(146, 92,  
129) }
```

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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