

Converting Colors

XYZ(22.5741, 16.8110, 23.5009)

Have a look what the booklet for
XYZ(22.5741, 16.8110, 23.5009)
contains.

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Color

**XYZ(22.6218, 16.8701,
23.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	A15C83
RGB	161, 92, 131
RGB Percent	63%, 36%, 51%
CMY	0.3686, 0.6392, 0.4863
CMYK	0.00, 0.43, 0.19, 0.37
HSL	326°, 27%, 50%
HSV	326°, 43%, 63%
XYZ	22.6218, 16.8701, 23.5367
YIQ	117.0770, 28.6050, 26.7570

Conversions

Conversions Part 2

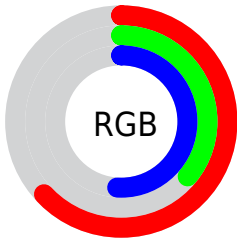
Format	Color
R_{YB}	161, 92, 131
Decimal	10574979
CIE _{Lab}	48.10, 33.58, -9.52
CIE _{LCh}	48, 34.908, 344.174
Yxy	16.8701, 0.3589, 0.2677
Android (android.graphics.Color)	4288765059 (0xFFA15C83)
YUV	117.0770, 6.8640, 38.5205
Hunter-Lab	41.0732, 26.4339, -5.2244

Details

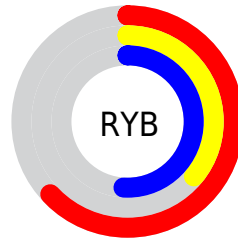
The XYZ color **22.6218, 16.8701, 23.5367** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.6721, 29.1706, 22.9547**, and the grayscale version is **16.9061, 17.7865, 19.3695**.

A 20% lighter version of the original color is **47.2403, 38.1589, 50.2230**, and **8.5712, 5.5251, 8.5973** is the 20% darker color. If you saturate the color by 10%, you get **20.9140, 14.1881, 20.7052**, and if you desaturate by 10%, it is **24.6591, 20.1593, 26.6366**.

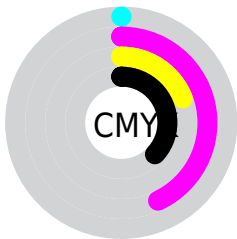
Distribution



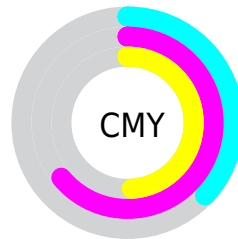
- Red (63%)
- Green (36%)
- Blue (51%)



- Red (63%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (43%)
- Yellow (19%)
- Black (37%)



- Cyan (37%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6218, 16.8701, 23.5367 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 22.6218, 16.8701, 23.5367 by changing the saturation by 10% instead.

■ 22.6218, 16.8701,
23.5367

■ 22.6218, 16.8701,
23.5367

258.3483,
234.4227, 283.6805

■ 14.4337, 10.1419,
14.7813

■ 47.2428, 38.1023,
50.2074

■ 8.5066, 5.4932,
8.5211

■ 64.4064, 53.3751,
68.9598

■ 4.4753, 2.5394,
4.3377

■ 85.2925, 72.2649,
91.8816

■ 1.9744, 0.8963,
1.8123

■ 110.2665, 95.1561,
119.3913

■ 0.6195, 0.0000,
0.4361

139.6937,
122.4331, 151.9075

■ 0.0000, 0.0000,
0.0000

173.9395,

154.4802, 189.8488

213.3692,
191.6820, 233.6336

■ 22.6218, 16.8701,
23.5367

■ 22.6218, 16.8701,
23.5367

■ 20.9140, 14.1881,
20.7052

■ 24.6591, 20.1593,
26.6366

■ 19.5145, 12.0727,
18.1313

■ 27.0422, 24.0881,
30.0128

■ 18.4021, 10.4823,
15.8051

■ 29.7883, 28.6895,
33.6741


■ 17.5521, 9.3682,
13.7149


■ 32.9127, 33.9934,
37.6285


■ 16.9348, 8.6727,
11.8475


■ 36.4299, 40.0279,
41.8836

 16.5862, 8.3324,
10.6309

 40.3538, 46.8197,
46.4468

 44.6973, 54.3940,
51.3250

 49.4729, 62.7750,
56.5249

 54.6926, 71.9856,
62.0532

Harmonies

Analogous

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



20.6538, 16.8701, 33.8957



22.6218, 16.8701, 23.5367



22.6789, 16.8701, 14.4276

Triad

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



22.6218, 16.8701, 23.5367



14.5918, 16.8701, 6.1328



12.0583, 16.8701, 33.3643

Complementary

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



22.6218, 16.8701, 23.5367



20.6721, 29.1706, 22.9547

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.



10.8340, 16.8701, 22.9691



22.6218, 16.8701, 23.5367



12.1611, 16.8701, 8.4988

Square

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



22.6218, 16.8701, 23.5367



17.7499, 16.8701, 6.1955



10.8690, 16.8701, 14.0186



14.4334, 16.8701, 40.7210

Rectangle

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



22.6218, 16.8701, 23.5367



21.6071, 16.8701, 10.2234



10.8690, 16.8701, 14.0186



11.5133, 16.8701, 29.9837

Sweetspot

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



22.6223, 16.8709, 23.5370



53.1440, 51.0359, 60.0421



18.2729, 14.3588, 35.5267



11.4187, 10.7946, 12.8587



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.



22.6223, 16.8709, 23.5370



37.7063, 25.7979, 37.5167



20.6648, 16.0879, 13.2289



7.2336, 7.1499, 8.2163



13.2676, 6.6631, 8.5997



0.3019, 0.1493, 0.3026

Inverse Universe

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



22.6223, 16.8709, 23.5370



37.7063, 25.7979, 37.5167



23.1937, 30.1792, 36.2333



7.2336, 7.1499, 8.2163



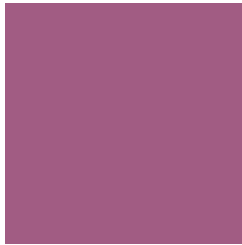
13.2676, 6.6631, 8.5997



0.3019, 0.1493, 0.3026

Previews

White Background



This preview shows how the XYZ color 22.6218, 16.8701, 23.5367 looks on a white background.

Color Contrast Check

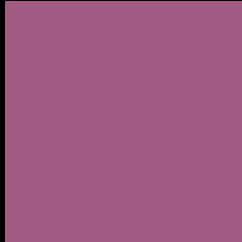
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6218, 16.8701, 23.5367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

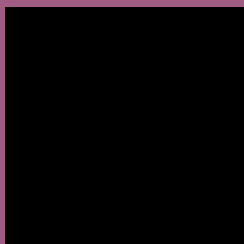
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.6218, 16.8701, 23.5367

Background



This preview shows how black text looks on a background with the XYZ color 22.6218, 16.8701, 23.5367.



This preview shows how white text looks on a background with the XYZ color 22.6218, 16.8701,

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

22.6218, 16.8701, 23.5367

Protanopia

17.1568, 17.0114, 29.5734

Deuteranopia

17.4362, 17.1399, 22.8114



Tritanopia

20.8739, 16.8180, 15.2427

Trichromacy



Original Color

22.6218, 16.8701, 23.5367

Protanomaly

18.6117, 16.5383, 27.4106

Deuteranomaly

19.0057, 16.8390, 23.0174

Tritanomaly

21.4275, 16.7703, 18.0272

Monochromacy



Original Color

22.6218, 16.8701, 23.5367

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.5483, 17.1168, 20.7386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6218, 16.8701, 23.5367 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(161, 92, 131)` looks like.

```
.text, #text, p{  
    color:rgb(161, 92, 131)  
}
```

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(161, 92, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 92, 131) }
```

Border

The CSS property to change the border of an element to XYZ 22.6218, 16.8701, 23.5367 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(161, 92, 131) }
```


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

```
.border{ border-color:rgb(161, 92, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 92, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 92, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 92, 131);  
box-shadow:4px 4px 4px 4px rgb(161, 92,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6218, 16.8701, 23.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 92, 131) }
```

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

```
.background{ background-color: rgb(161, 92,  
131) }
```

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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