

Converting Colors

XYZ(23.0367, 16.8570, 22.2895)

Have a look what the booklet for
XYZ(23.0367, 16.8570, 22.2895)
contains.

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Color

**XYZ(23.0695, 16.8702,
22.4624)**

Conversions

Conversions Part 1

Format	Color
Hex	A55A80
RGB	165, 90, 128
RGB Percent	65%, 35%, 50%
CMY	0.3529, 0.6470, 0.4980
CMYK	0.00, 0.45, 0.22, 0.35
HSL	330°, 29%, 50%
HSV	330°, 45%, 65%
XYZ	23.0695, 16.8702, 22.4624
YIQ	116.7570, 32.5020, 27.7180

Conversions

Conversions Part 2

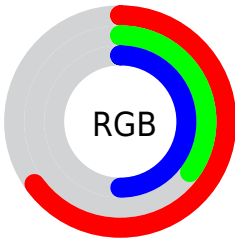
Format	Color
R_{YB}	165, 90, 128
Decimal	10836608
CIE _{Lab}	48.10, 35.62, -7.67
CIE _{LCh}	48, 36.431, 347.854
Yxy	16.8702, 0.3697, 0.2703
Android (android.graphics.Color)	4289026688 (0xFFA55A80)
YUV	116.7570, 5.5428, 42.3091
Hunter-Lab	41.0733, 28.3790, -3.6735

Details

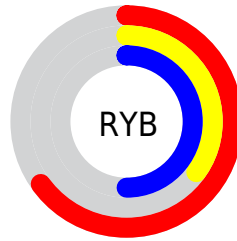
The XYZ color **23.0695, 16.8702, 22.4624** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.5032, 30.6167, 24.8565**, and the grayscale version is **16.8103, 17.6857, 19.2597**.

A 20% lighter version of the original color is **48.1377, 38.2118, 48.5545**, and **8.7256, 5.4616, 7.9914** is the 20% darker color. If you saturate the color by 10%, you get **21.3146, 14.1837, 19.3391**, and if you desaturate by 10%, it is **25.1773, 20.1934, 25.9158**.

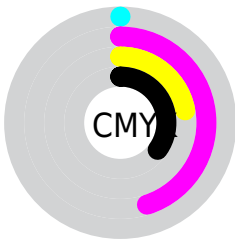
Distribution



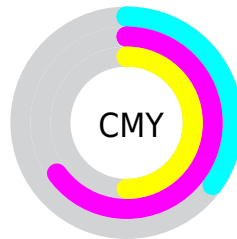
- Red (65%)
- Green (35%)
- Blue (50%)



- Red (65%)
- Yellow (35%)
- Blue (50%)



- Cyan (0%)
- Magenta (45%)
- Yellow (22%)
- Black (35%)





- Cyan (35%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.0695, 16.8702, 22.4624 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 23.0695, 16.8702, 22.4624 by changing the saturation by 10% instead.


 23.0695, 16.8702,
22.4624


 23.0695, 16.8702,
22.4624


260.6104,
234.4233, 277.9835


 14.7658, 10.1420,
13.9955


 47.9732, 38.1025,
48.4210


 8.7404, 5.4932,
7.9788


 65.3040, 53.3753,
66.7498

 4.6280, 2.5394,
3.9938

 86.3745, 72.2652,
89.2030

 2.0632, 0.8963,
1.6220

 111.5501, 95.1564,
116.1991

 0.6691, 0.0000,
0.3064

141.1961,
122.4335, 148.1566

 0.0000, 0.0000,
0.0000

175.6779,

154.4807, 185.4942

215.3609,
191.6825, 228.6303

■ 23.0695, 16.8702,
22.4624

■ 23.0695, 16.8702,
22.4624

■ 21.3146, 14.1837,
19.3391

■ 25.1773, 20.1934,
25.9158

■ 19.8895, 12.0897,
16.5327

■ 27.6563, 24.1887,
29.7097

■ 18.7704, 10.5421,
14.0304

■ 30.5251, 28.8920,
33.8551

■ 17.9294, 9.4870,
11.8175

■ 33.8009, 34.3357,
38.3622

■ 17.3311, 8.8553,
9.8766

■ 37.4995, 40.5504,
43.2406

■ 17.1016, 8.6331,
9.0697

■ 41.6360, 47.5647,
48.4996

■ 46.2247, 55.4061,
54.1481

■ 51.2792, 64.1004,
60.1946

■ 56.8127, 73.6724,
66.6476

Harmonies

Analogous

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



21.2124, 16.8702, 33.4542



23.0695, 16.8702, 22.4624



22.8618, 16.8702, 13.3432

Triad

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



23.0695, 16.8702, 22.4624



14.1675, 16.8702, 5.9356



12.1437, 16.8702, 35.3982

Complementary

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



23.0695, 16.8702, 22.4624



21.5032, 30.6167, 24.8565

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.



10.7231, 16.8702, 24.5202



23.0695, 16.8702, 22.4624



11.7764, 16.8702, 8.6765

Square

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



23.0695, 16.8702, 22.4624



17.4066, 16.8702, 5.7179



10.5985, 16.8702, 14.8054



14.7366, 16.8702, 42.4668

Rectangle

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



23.0695, 16.8702, 22.4624



21.5826, 16.8702, 9.3242



10.5985, 16.8702, 14.8054



11.5296, 16.8702, 31.9236

Sweetspot

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



23.0700, 16.8710, 22.4627



55.3304, 52.8377, 61.5622



19.0896, 14.4846, 37.3872



11.8491, 11.1430, 13.1107



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.



23.0700, 16.8710, 22.4627



38.0158, 25.1663, 34.3407



21.0730, 16.0722, 11.9468



7.2165, 7.1430, 8.1263



12.9628, 6.5412, 6.9945



0.2962, 0.1470, 0.2725

Inverse Universe

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



23.0700, 16.8710, 22.4627



38.0158, 25.1663, 34.3407



24.3504, 31.7556, 39.8500



7.2165, 7.1430, 8.1263



12.9628, 6.5412, 6.9945



0.2962, 0.1470, 0.2725

Previews

White Background



This preview shows how the XYZ color 23.0695, 16.8702, 22.4624 looks on a white background.

Color Contrast Check

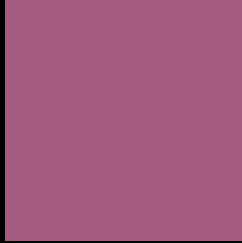
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0695, 16.8702, 22.4624 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 23.0695, 16.8702, 22.4624

Background



This preview shows how black text looks on a background with the XYZ color 23.0695, 16.8702, 22.4624.



This preview shows how white text looks on a background with the XYZ color 23.0695, 16.8702,

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

23.0695, 16.8702, 22.4624

Protanopia

17.0026, 16.9497, 28.7610

Deuteranopia

17.2077, 16.8891, 21.4218



Tritanopia

21.3908, 16.8251, 14.6905

Trichromacy



Original Color

23.0695, 16.8702, 22.4624

Protanomaly

18.5411, 16.5273, 26.2576

Deuteranomaly

18.8684, 16.4995, 21.5923

Tritanomaly

21.8879, 16.7629, 17.1209

Monochromacy



Original Color

23.0695, 16.8702, 22.4624

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.5404, 16.9642, 20.3864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0695, 16.8702, 22.4624 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(165, 90, 128)` looks like.

```
.text, #text, p{  
    color:rgb(165, 90, 128)  
}
```

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(165, 90, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 90, 128) }
```

Border

The CSS property to change the border of an element to XYZ 23.0695, 16.8702, 22.4624 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(165, 90, 128) }
```


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

```
.border{ border-color:rgb(165, 90, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 90, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 90, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 90, 128);  
box-shadow:4px 4px 4px 4px rgb(165, 90,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0695, 16.8702, 22.4624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 90, 128) }
```

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

```
.background{ background-color: rgb(165, 90,  
128) }
```

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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