

Converting Colors

XYZ(22.2466, 18.2229, 23.0180)

Have a look what the booklet for
XYZ(22.2466, 18.2229, 23.0180)
contains.

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Color

**XYZ(22.3303, 18.2540,
23.1153)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6781
RGB	155, 103, 129
RGB Percent	61%, 40%, 51%
CMY	0.3922, 0.5961, 0.4941
CMYK	0.00, 0.34, 0.17, 0.39
HSL	330°, 21%, 51%
HSV	330°, 34%, 61%
XYZ	22.3303, 18.2540, 23.1153
YIQ	121.5120, 22.6460, 19.1100

Conversions

Conversions Part 2

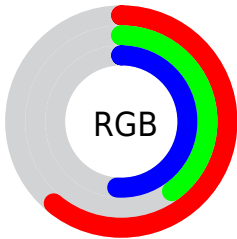
Format	Color
R_{YB}	155, 103, 129
Decimal	10184577
CIE _{Lab}	49.80, 24.89, -5.86
CIE _{LCh}	50, 25.571, 346.759
Yxy	18.2540, 0.3506, 0.2866
Android (android.graphics.Color)	4288374657 (0xFF9B6781)
YUV	121.5120, 3.6916, 29.3690
Hunter-Lab	42.7247, 18.5258, -2.1703

Details

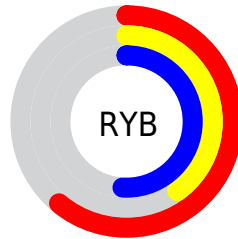
The XYZ color **22.3303, 18.2540, 23.1153** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.2781, 27.9118, 25.0362**, and the grayscale version is **18.3235, 19.2777, 20.9934**.

A 20% lighter version of the original color is **46.7432, 40.5217, 49.6138**, and **8.4077, 6.1951, 8.3421** is the 20% darker color. If you saturate the color by 10%, you get **20.4334, 15.2535, 20.0369**, and if you desaturate by 10%, it is **24.5532, 21.8435, 26.4955**.

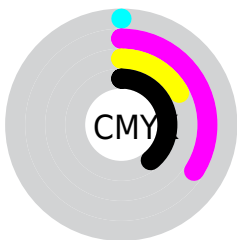
Distribution



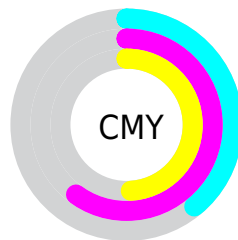
- Red (61%)
- Green (40%)
- Blue (51%)



- Red (61%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (34%)
- Yellow (17%)
- Black (39%)



- Cyan (39%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3303, 18.2540, 23.1153 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 22.3303, 18.2540, 23.1153 by changing the saturation by 10% instead.

■ 22.3303, 18.2540,
23.1153

■ 22.3303, 18.2540,
23.1153

256.8664,
242.2988, 281.4577

■ 14.2178, 11.1325,
14.4726

■ 46.7661, 40.4697,
49.5082

■ 8.3550, 6.1560,
8.3076

■ 63.8201, 56.3326,
68.0954

■ 4.3766, 2.9402,
4.2018

■ 84.5853, 75.8782,
90.8345

■ 1.9173, 1.1006,
1.7367

■ 109.4270, 99.4907,
118.1441

■ 0.5869, 0.0000,
0.3857

138.7106,
127.5547, 150.4427

■ 0.0000, 0.0000,
0.0000

172.8015,

160.4544, 188.1488

212.0650,
198.5743, 231.6810

■ 22.3303, 18.2540,
23.1153

■ 22.3303, 18.2540,
23.1153

■ 20.4334, 15.2535,
20.0369

■ 24.5532, 21.8435,
26.4955

■ 18.8442, 12.8074,
17.2495

■ 27.1158, 26.0489,
30.1858

■ 17.5449, 10.8814,
14.7430


■ 30.0332, 30.8986,
34.1953


■ 16.5153, 9.4366,
12.5059


■ 33.3190, 36.4185,
38.5323


■ 15.7323, 8.4280,
10.5259


■ 36.9858, 42.6330,
43.2050


 15.1683, 7.8026,
8.7889

 41.0460, 49.5653,
48.2210

 14.8749, 7.5115,
7.7792

 45.5112, 57.2376,
53.5879

 50.3925, 65.6709,
59.3128

 55.7006, 74.8857,
65.4026

Harmonies

Analogous

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



20.9978, 18.2540, 30.5770



22.3303, 18.2540, 23.1153



22.2422, 18.2540, 16.2467

Triad

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



22.3303, 18.2540, 23.1153



16.0316, 18.2540, 9.5846



14.3296, 18.2540, 31.3611

Complementary

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



22.3303, 18.2540, 23.1153



21.2781, 27.9118, 25.0362

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.



13.2333, 18.2540, 24.0080



22.3303, 18.2540, 23.1153



14.1510, 18.2540, 12.0172

Square

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



22.3303, 18.2540, 23.1153



18.4470, 18.2540, 9.4538



13.1712, 18.2540, 16.9535



16.2971, 18.2540, 36.0375

Rectangle

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



22.3303, 18.2540, 23.1153



21.3875, 18.2540, 12.8688



13.1712, 18.2540, 16.9535



13.8554, 18.2540, 29.0518

Sweetspot

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



22.3308, 18.2548, 23.1157



50.2400, 49.4301, 56.4010



19.8207, 16.7351, 33.1963



11.2212, 10.9390, 12.5573



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.3308, 18.2548, 23.1157



37.4771, 28.7019, 37.3559



20.8167, 17.6492, 15.1424



6.3311, 6.2716, 7.1238



11.9667, 6.0409, 6.3497



0.1972, 0.0976, 0.1915

Inverse Universe

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



22.3308, 18.2548, 23.1157



37.4771, 28.7019, 37.3559



23.2319, 28.6934, 35.3247



6.3311, 6.2716, 7.1238



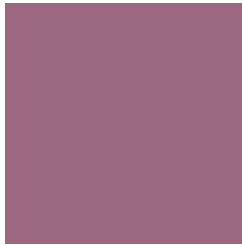
11.9667, 6.0409, 6.3497



0.1972, 0.0976, 0.1915

Previews

White Background



This preview shows how the XYZ color 22.3303, 18.2540, 23.1153 looks on a white background.

Color Contrast Check

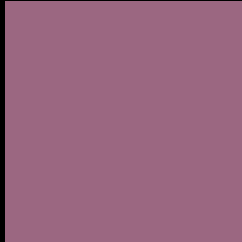
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3303, 18.2540, 23.1153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

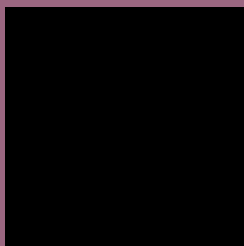
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.3303, 18.2540, 23.1153

Background



This preview shows how black text looks on a background with the XYZ color 22.3303, 18.2540, 23.1153.



This preview shows how white text looks on a background with the XYZ color 22.3303, 18.2540,

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

22.3303, 18.2540, 23.1153

Protanopia

18.1361, 18.4367, 26.6475

Deuteranopia

18.7139, 18.3058, 22.6257



Tritanopia

21.3282, 18.2953, 18.3268

Trichromacy



Original Color

22.3303, 18.2540, 23.1153

Protanomaly

19.4842, 18.3054, 25.4280

Deuteranomaly

19.8972, 18.2458, 22.8952

Tritanomaly

21.7078, 18.3051, 19.8419

Monochromacy



Original Color

22.3303, 18.2540, 23.1153

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.6639, 18.8105, 21.9964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3303, 18.2540, 23.1153 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(155, 103, 129)` looks like.

```
.text, #text, p{  
    color:rgb(155, 103, 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(155, 103, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 103, 129) }
```

Border

The CSS property to change the border of an element to XYZ 22.3303, 18.2540, 23.1153 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(155, 103, 129) }
```


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

```
.border{ border-color:rgb(155, 103, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 103, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 103, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 103, 129);  
box-shadow:4px 4px 4px 4px rgb(155, 103,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3303, 18.2540, 23.1153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 103, 129) }
```

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

```
.background{ background-color: rgb(155,  
103, 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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