

Converting Colors

XYZ(22.3727, 16.2963, 26.4930)

Have a look what the booklet for
XYZ(22.3727, 16.2963, 26.4930)
contains.

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Color

**XYZ(22.3331, 16.2779,
26.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	9E598B
RGB	158, 89, 139
RGB Percent	62%, 35%, 55%
CMY	0.3804, 0.6510, 0.4549
CMYK	0.00, 0.44, 0.12, 0.38
HSL	317°, 28%, 48%
HSV	317°, 44%, 62%
XYZ	22.3331, 16.2779, 26.3910
YIQ	115.3310, 25.0740, 30.1780

Conversions

Conversions Part 2

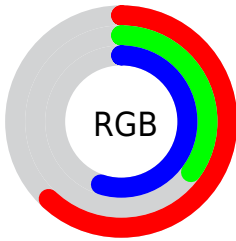
Format	Color
R_{YB}	158, 89, 139
Decimal	10377611
CIE _{Lab}	47.34, 35.53, -15.50
CIE _{LCh}	47, 38.765, 336.436
Yxy	16.2779, 0.3436, 0.2504
Android (android.graphics.Color)	4288567691 (0xFF9E598B)
YUV	115.3310, 11.6688, 37.4207
Hunter-Lab	40.3459, 28.2018, -10.5406

Details

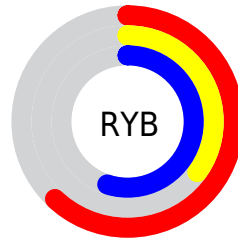
The XYZ color **22.3331, 16.2779, 26.3910** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0541, 27.6607, 18.5232**, and the grayscale version is **16.3569, 17.2088, 18.7403**.

A 20% lighter version of the original color is **46.8821, 37.1962, 55.1607**, and **8.3877, 5.2421, 10.0209** is the 20% darker color. If you saturate the color by 10%, you get **20.8452, 13.8005, 24.3577**, and if you desaturate by 10%, it is **24.1169, 19.3262, 28.5857**.

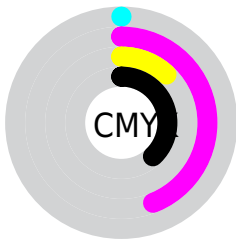
Distribution



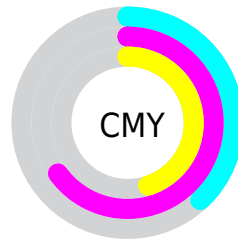
- Red (62%)
- Green (35%)
- Blue (55%)



- Red (62%)
- Yellow (35%)
- Blue (55%)



- Cyan (0%)
- Magenta (44%)
- Yellow (12%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3331, 16.2779, 26.3910 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 22.3331, 16.2779, 26.3910 by changing the saturation by 10% instead.

■ 22.3331, 16.2779,
26.3910

■ 22.3331, 16.2779,
26.3910

256.8807,
230.9760, 298.3625

■ 14.2198, 9.7210,
16.8880

■ 46.7707, 37.0800,
54.8969

■ 8.3564, 5.2144,
9.9936

■ 63.8257, 52.0940,
74.7368

■ 4.3776, 2.3736,
5.2891

■ 84.5921, 70.6958,
98.8595

■ 1.9179, 0.8123,
2.3562

■ 109.4351, 93.2698,
127.6834

■ 0.5872, 0.0000,
0.7624

■ 138.7201,
120.2005, 161.6271

■ 0.0000, 0.0000,
0.0000

172.8124,

151.8721, 201.1092

212.0775,
188.6692, 246.5482

■ 22.3331, 16.2779,
26.3910

■ 22.3331, 16.2779,
26.3910

■ 20.8452, 13.8005,
24.3577

■ 24.1169, 19.3262,
28.5857

■ 19.6332, 11.8552,
22.4779

■ 26.2118, 22.9765,
30.9471

■ 18.6772, 10.4021,
20.7444

■ 28.6337, 27.2602,
33.4813

■ 17.9536, 9.3944,
19.1487

■ 31.3971, 32.2060,
36.1939

■ 17.4346, 8.7765,
17.6807

■ 34.5155, 37.8405,
39.0900

■ 17.1660, 8.4953,
16.8016

■ 38.0017, 44.1893,
42.1745

■ 41.8678, 51.2764,
45.4522

■ 46.1255, 59.1247,
48.9275

■ 50.7857, 67.7562,
52.6048

Harmonies

Analogous

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



19.7254, 16.2779, 37.6588



22.3331, 16.2779, 26.3910



22.9883, 16.2779, 15.6911

Triad

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



22.3331, 16.2779, 26.3910



14.7446, 16.2779, 4.8060



10.7520, 16.2779, 31.4639

Complementary

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



22.3331, 16.2779, 26.3910



19.0541, 27.6607, 18.5232

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.



9.8032, 16.2779, 19.9250



22.3331, 16.2779, 26.3910



11.8781, 16.2779, 6.4625

Square

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



22.3331, 16.2779, 26.3910



18.2588, 16.2779, 5.4416



10.1827, 16.2779, 11.1984



12.9837, 16.2779, 41.2651

Rectangle

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



22.3331, 16.2779, 26.3910



22.1552, 16.2779, 10.5787



10.1827, 16.2779, 11.1984



10.2888, 16.2779, 27.5251

Sweetspot

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



22.3336, 16.2787, 26.3913



52.1939, 49.8523, 60.9993



15.8563, 12.7649, 33.9761



11.5456, 10.8453, 13.5271



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.



22.3336, 16.2787, 26.3913



38.0152, 25.3249, 44.4655



20.2285, 15.4366, 15.3058



6.8262, 6.7234, 7.9357



13.7653, 6.8107, 13.5468



0.2628, 0.1285, 0.3302

Inverse Universe

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



22.3336, 16.2787, 26.3913



38.0152, 25.3249, 44.4655



21.2222, 28.5280, 29.9403



6.8262, 6.7234, 7.9357



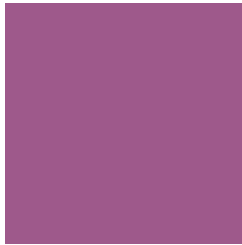
13.7653, 6.8107, 13.5468



0.2628, 0.1285, 0.3302

Previews

White Background



This preview shows how the XYZ color 22.3331, 16.2779, 26.3910 looks on a white background.

Color Contrast Check

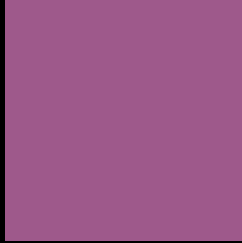
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3331, 16.2779, 26.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

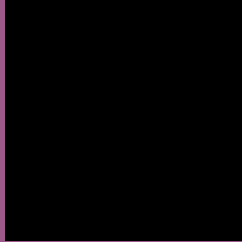
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

XYZ 22.3331, 16.2779, 26.3910

Background



This preview shows how black text looks on a background with the XYZ color 22.3331, 16.2779, 26.3910.



This preview shows how white text looks on a background with the XYZ color 22.3331, 16.2779,

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

22.3331, 16.2779, 26.3910

Protanopia

16.8564, 16.4448, 33.2961

Deuteranopia

16.7592, 16.4118, 25.2062



Tritanopia

20.0080, 16.2352, 15.1759

Trichromacy



Original Color

22.3331, 16.2779, 26.3910

Protanomaly

18.1602, 15.9354, 30.5525

Deuteranomaly

18.2486, 15.9474, 25.4089

Tritanomaly

20.6428, 16.0816, 18.8457

Monochromacy



Original Color

22.3331, 16.2779, 26.3910

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.1522, 16.5886, 21.3140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3331, 16.2779, 26.3910 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, 89, 139)` looks like.

```
.text, #text, p{  
    color:rgb(158, 89, 139)  
}
```

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, 89, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 89, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.3331, 16.2779, 26.3910 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, 89, 139) }
```


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

```
.border{ border-color:rgb(158, 89, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 89, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 89, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 89, 139);  
box-shadow:4px 4px 4px 4px rgb(158, 89,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3331, 16.2779, 26.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 89, 139) }
```

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

```
.background{ background-color: rgb(158, 89,  
139) }
```

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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