

Converting Colors

XYZ(26.5358, 23.0219, 32.8182)

Have a look what the booklet for
XYZ(26.5358, 23.0219, 32.8182)
contains.

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Color

**XYZ(26.4845, 22.9690,
32.7433)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7898
RGB	158, 120, 152
RGB Percent	62%, 47%, 60%
CMY	0.3804, 0.5294, 0.4039
CMYK	0.00, 0.24, 0.04, 0.38
HSL	309°, 16%, 55%
HSV	309°, 24%, 62%
XYZ	26.4845, 22.9690, 32.7433
YIQ	135.0100, 12.3760, 18.0080

Conversions

Conversions Part 2

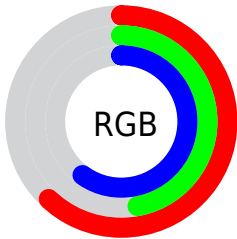
Format	Color
R_{YB}	158, 120, 152
Decimal	10385560
CIE _{Lab}	55.04, 20.37, -11.51
CIE _{LCh}	55, 23.397, 330.531
Yxy	22.9690, 0.3222, 0.2794
Android (android.graphics.Color)	4288575640 (0xFF9E7898)
YUV	135.0100, 8.3761, 20.1622
Hunter-Lab	47.9260, 14.7709, -6.9591

Details

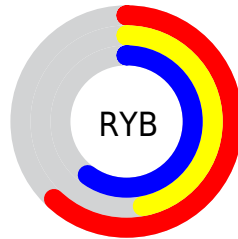
The XYZ color **26.4845, 22.9690, 32.7433** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.7394, 29.9538, 24.2704**, and the grayscale version is **23.0001, 24.1979, 26.3515**.

A 20% lighter version of the original color is **53.5247, 48.4895, 64.9309**, and **10.5461, 8.5102, 13.3987** is the 20% darker color. If you saturate the color by 10%, you get **24.5368, 19.3969, 31.0966**, and if you desaturate by 10%, it is **28.7514, 27.1719, 34.5181**.

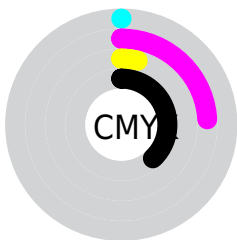
Distribution



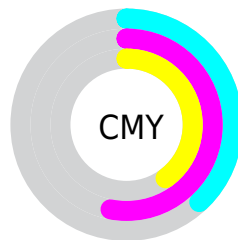
- Red (62%)
- Green (47%)
- Blue (60%)



- Red (62%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4845, 22.9690, 32.7433 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 26.4845, 22.9690, 32.7433 by changing the saturation by 10% instead.

■ 26.4845, 22.9690,
32.7433

■ 26.4845, 22.9690,
32.7433

277.3657,
267.5657, 329.0879

■ 17.3210, 14.5706,
21.6604

■ 53.4813, 48.3424,
65.0859

■ 10.5604, 8.5186,
13.4116

■ 72.0453, 66.0862,
87.1827

■ 5.8371, 4.4285,
7.5786

■ 94.4736, 87.7140,
113.7879

■ 2.7860, 1.9161,
3.7426

121.1314,
113.6101, 145.3199

■ 1.0416, 0.5580,
1.4852

152.3842,
144.1589, 182.1974

■ 0.0000, 0.0000,
0.2069

188.5973,

■ 0.0000, 0.0000,

179.7449, 224.8389

0.0000

230.1360,
220.7524, 273.6628

■ 26.4845, 22.9690,
32.7433

■ 26.4845, 22.9690,
32.7433

■ 24.5368, 19.3969,
31.0966

■ 28.7514, 27.1719,
34.5181

■ 22.8910, 16.4220,
29.5714

■ 31.3498, 32.0313,
36.4245

■ 21.5308, 14.0117,
28.1624

■ 34.2938, 37.5749,
38.4676

■ 20.4382, 12.1296,
26.8633

■ 37.5962, 43.8283,
40.6517

■ 19.5925, 10.7348,
25.6672

■ 41.2690, 50.8155,
42.9810

■ 18.9703, 9.7802,
24.5663

■ 45.3237, 58.5593,
45.4594

■ 18.5433, 9.2095,
23.5508

■ 49.7713, 67.0818,
48.0908

■ 18.3379, 8.9641,
22.9723

■ 54.6223, 76.4040,
50.8787

■ 57.5453, 81.8630,
53.0461

Harmonies

Analogous

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



24.4735, 22.9690, 39.4969



26.4845, 22.9690, 32.7433



27.2275, 22.9690, 24.8767

Triad

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



26.4845, 22.9690, 32.7433



21.7850, 22.9690, 13.2411



17.7983, 22.9690, 33.0195

Complementary

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



26.4845, 22.9690, 32.7433



23.7394, 29.9538, 24.2704

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.



17.1998, 22.9690, 25.1424



26.4845, 22.9690, 32.7433



19.3865, 22.9690, 14.5842

Square

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



26.4845, 22.9690, 32.7433



24.3869, 22.9690, 14.4917



17.7579, 22.9690, 18.6005



19.4608, 22.9690, 39.6774

Rectangle

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



26.4845, 22.9690, 32.7433



26.8612, 22.9690, 20.3121



17.7579, 22.9690, 18.6005



17.4722, 22.9690, 30.3801

Sweetspot

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



26.4852, 22.9700, 32.7438



55.4074, 55.3126, 65.0508



21.4490, 20.3155, 35.1390



12.4325, 12.3597, 14.6228



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.



26.4852, 22.9700, 32.7438



46.0745, 37.9950, 57.7834



25.0722, 22.4048, 25.3032



6.8591, 6.7366, 8.1093



14.6985, 7.1839, 18.4609



0.2738, 0.1329, 0.3881

Inverse Universe

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



26.4852, 22.9700, 32.7438



46.0745, 37.9950, 57.7834



25.0611, 30.4825, 31.2306



6.8591, 6.7366, 8.1093



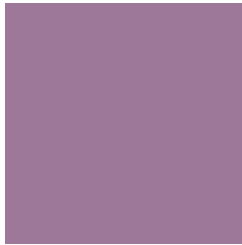
14.6985, 7.1839, 18.4609



0.2738, 0.1329, 0.3881

Previews

White Background



This preview shows how the XYZ color 26.4845, 22.9690, 32.7433 looks on a white background.

Color Contrast Check

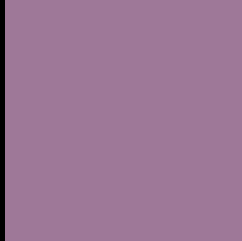
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.4845, 22.9690, 32.7433 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 26.4845, 22.9690, 32.7433

Background



This preview shows how black text looks on a background with the XYZ color 26.4845, 22.9690, 32.7433.



This preview shows how white text looks on a background with the XYZ color 26.4845, 22.9690,

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

26.4845, 22.9690, 32.7433

Protanopia

22.9785, 23.1714, 36.0623

Deuteranopia

23.5086, 23.1368, 32.0810



Tritanopia

24.8342, 22.8279, 25.2876

Trichromacy



Original Color

26.4845, 22.9690, 32.7433

Protanomaly

24.0714, 22.9823, 34.6198

Deuteranomaly

24.5484, 23.0854, 32.4402

Tritanomaly

25.4035, 22.8804, 27.8884

Monochromacy



Original Color

26.4845, 22.9690, 32.7433

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.1180, 23.7280, 28.5081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4845, 22.9690, 32.7433 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, 120, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 120, 152)  
}
```

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, 120, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 120, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.4845, 22.9690, 32.7433 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, 120, 152) }
```


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

```
.border{ border-color:rgb(158, 120, 152) }
```

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

Here you see how a box with a 4 pixel rgb(158, 120, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 120, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 120, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 120,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4845, 22.9690, 32.7433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 120, 152) }
```

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

```
.background{ background-color: rgb(158,  
120, 152) }
```

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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