

Converting Colors

XYZ(26.4433, 23.1312, 32.6389)

Have a look what the booklet for
XYZ(26.4433, 23.1312, 32.6389)
contains.

XYZ(26.4095, 23.1098, 32.7745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4095, 23.1098,
32.7745)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7998
RGB	157, 121, 152
RGB Percent	62%, 47%, 60%
CMY	0.3843, 0.5255, 0.4039
CMYK	0.00, 0.23, 0.03, 0.38
HSL	308°, 16%, 55%
HSV	308°, 23%, 62%
XYZ	26.4095, 23.1098, 32.7745
YIQ	135.2980, 11.5050, 17.2730

Conversions

Conversions Part 2

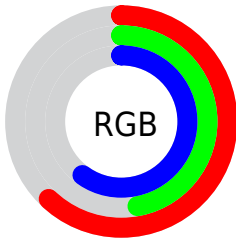
Format	Color
R _Y B	157, 121, 152
Decimal	10320280
CIE Lab	55.19, 19.44, -11.30
CIE LCh	55, 22.485, 329.821
Yxy	23.1098, 0.3209, 0.2808
Android (android.graphics.Color)	4288510360 (0xFF9D7998)
YUV	135.2980, 8.2341, 19.0327
Hunter-Lab	48.0727, 13.9348, -6.7713

Details

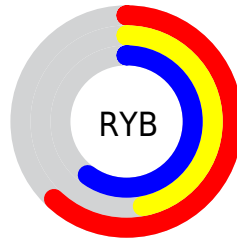
The XYZ color **26.4095, 23.1098, 32.7745** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.7089, 29.6860, 24.2203**, and the grayscale version is **23.1077, 24.3111, 26.4748**.

A 20% lighter version of the original color is **53.4280, 48.7254, 64.9815**, and **10.4920, 8.5776, 13.4146** is the 20% darker color. If you saturate the color by 10%, you get **24.4779, 19.5295, 31.2577**, and if you desaturate by 10%, it is **28.6563, 27.3145, 34.4131**.

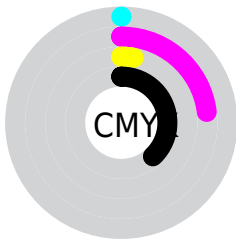
Distribution



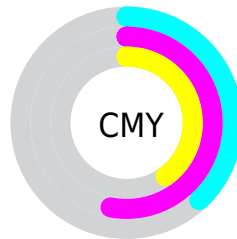
- Red (62%)
- Green (47%)
- Blue (60%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (38%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4095, 23.1098, 32.7745 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 26.4095, 23.1098, 32.7745 by changing the saturation by 10% instead.

 26.4095, 23.1098,
32.7745


 26.4095, 23.1098,
32.7745


277.0065,
268.2884, 329.2332

 17.2645, 14.6746,
21.6841


 53.3614, 48.5736,
65.1353

 10.5197, 8.5913,
13.4288


 71.8991, 66.3709,
87.2426

 5.8098, 4.4756,
7.5903


 94.2984, 88.0578,
113.8594

 2.7693, 1.9430,
3.7500

120.9247,
114.0185, 145.4041

 1.0330, 0.5740,
1.4892

152.1433,
144.6376, 182.2953

 0.0000, 0.0000,
0.2099

188.3195,

 0.0000, 0.0000,

180.2993, 224.9516

0.0000

229.8188,
221.3881, 273.7913

■ 26.4095, 23.1098,
32.7745

■ 26.4095, 23.1098,
32.7745

■ 24.4779, 19.5295,
31.2577

■ 28.6563, 27.3145,
34.4131

■ 22.8444, 16.5405,
29.8561

■ 31.2302, 32.1685,
36.1768

■ 21.4934, 14.1113,
28.5647

■ 34.1451, 37.6992,
38.0705

■ 20.4071, 12.2064,
27.3775

■ 37.4133, 43.9312,
40.0985

■ 19.5657, 10.7860,
26.2877

■ 41.0468, 50.8883,
42.2647

■ 18.9463, 9.8047,
25.2878

■ 45.0566, 58.5928,
44.5731

■ 18.5221, 9.2085,
24.3686

■ 49.4537, 67.0663,
47.0272

■ 18.2916, 8.9229,
23.7512

■ 54.2482, 76.3294,
49.6306

■ 57.0756, 81.6525,
51.5951

Harmonies

Analogous

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



24.4551, 23.1098, 39.1687



26.4095, 23.1098, 32.7745



27.1564, 23.1098, 25.2058

Triad

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



26.4095, 23.1098, 32.7745



21.9802, 23.1098, 13.7122



18.0365, 23.1098, 32.6855

Complementary

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



26.4095, 23.1098, 32.7745



23.7089, 29.6860, 24.2203

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.



17.4816, 23.1098, 25.1195



26.4095, 23.1098, 32.7745



19.6503, 23.1098, 14.9705

Square

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



26.4095, 23.1098, 32.7745



24.4831, 23.1098, 15.0011



18.0497, 23.1098, 18.8313



19.6261, 23.1098, 39.1108

Rectangle

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



26.4095, 23.1098, 32.7745



26.8282, 23.1098, 20.7586



18.0497, 23.1098, 18.8313



17.7284, 23.1098, 30.1493

Sweetspot

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



26.4102, 23.1108, 32.7750



53.9173, 53.8081, 63.4316



21.4989, 20.5306, 34.7285



11.8104, 11.7387, 13.9210



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.



26.4102, 23.1108, 32.7750



45.2882, 37.6560, 57.1452



25.0599, 22.5707, 25.6642



6.8645, 6.7387, 8.1376



14.8660, 7.2510, 19.3433



0.2757, 0.1336, 0.3980

Inverse Universe

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



26.4102, 23.1108, 32.7750



45.2882, 37.6560, 57.1452



24.9617, 30.1871, 30.8173



6.8645, 6.7387, 8.1376



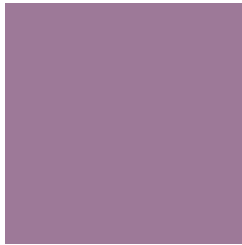
14.8660, 7.2510, 19.3433



0.2757, 0.1336, 0.3980

Previews

White Background



This preview shows how the XYZ color 26.4095, 23.1098, 32.7745 looks on a white background.

Color Contrast Check

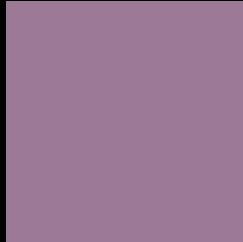
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4095, 23.1098, 32.7745 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 26.4095, 23.1098, 32.7745

Background



This preview shows how black text looks on a background with the XYZ color 26.4095, 23.1098, 32.7745.



This preview shows how white text looks on a background with the XYZ color 26.4095, 23.1098,

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

26.4095, 23.1098, 32.7745

Protanopia

22.9785, 23.1714, 36.0623

Deuteranopia

23.6718, 23.2209, 32.0886



Tritanopia

25.0283, 23.1051, 25.6949

Trichromacy



Original Color

26.4095, 23.1098, 32.7745

Protanomaly

23.9066, 22.8974, 34.6121

Deuteranomaly

24.5484, 23.0854, 32.4402

Tritanomaly

25.6010, 23.1569, 28.3197

Monochromacy



Original Color

26.4095, 23.1098, 32.7745

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 26.4095, 23.1098, 32.7745 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(157, 121, 152)` looks like.

```
.text, #text, p{  
    color:rgb(157, 121, 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(157, 121, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 121, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.4095, 23.1098, 32.7745 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(157, 121, 152) }
```


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

```
.border{ border-color:rgb(157, 121, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 121, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 121, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 121, 152);  
box-shadow:4px 4px 4px 4px rgb(157, 121,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4095, 23.1098, 32.7745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 121, 152) }
```

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

```
.background{ background-color: rgb(157,  
121, 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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