

# Converting Colors

XYZ(26.0891, 22.8797, 35.0226)

Have a look what the booklet for  
XYZ(26.0891, 22.8797, 35.0226)  
contains.

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# Color

**XYZ(26.0600, 22.8814,  
34.9413)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99799D
RGB	153, 121, 157
RGB Percent	60%, 47%, 62%
CMY	0.4000, 0.5255, 0.3843
CMYK	0.03, 0.23, 0.00, 0.38
HSL	293°, 16%, 55%
HSV	293°, 23%, 62%
XYZ	26.0600, 22.8814, 34.9413
YIQ	134.6720, 7.5160, 17.9800

# Conversions

## Conversions Part 2

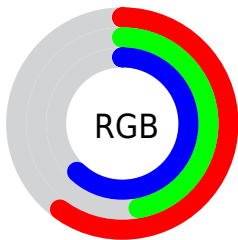
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 121, 157
Decimal	10058141
CIE <sub>Lab</sub>	54.95, 19.01, -14.60
CIE <sub>LCh</sub>	55, 23.966, 322.469
Yxy	22.8814, 0.3107, 0.2728
Android (android.graphics.Color)	4288248221 (0xFF99799D)
YUV	134.6720, 11.0077, 16.0737
Hunter-Lab	47.8345, 13.5355, -9.8250

# Details

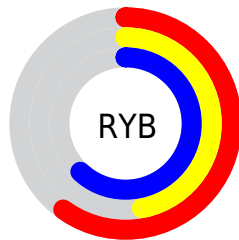
The XYZ color **26.0600, 22.8814, 34.9413** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.9665, 29.8550, 22.5898**, and the grayscale version is **22.8669, 24.0578, 26.1989**.

A 20% lighter version of the original color is **53.0321, 48.4355, 68.8412**, and **10.3984, 8.5001, 14.7283** is the 20% darker color. If you saturate the color by 10%, you get **23.9785, 19.2033, 34.3414**, and if you desaturate by 10%, it is **28.4582, 27.1850, 35.6459**.

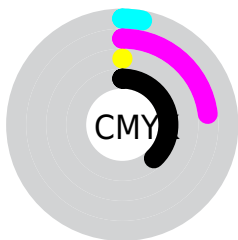
# Distribution



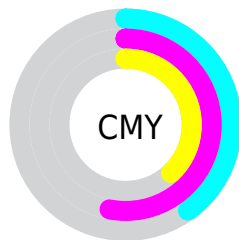
- Red (60%)
- Green (47%)
- Blue (62%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0600, 22.8814, 34.9413 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 26.0600, 22.8814, 34.9413 by changing the saturation by 10% instead.



■ 26.0600, 22.8814,  
34.9413

■ 26.0600, 22.8814,  
34.9413

275.3278,  
267.1153, 339.2055

■ 17.0014, 14.5060,  
23.3345

■ 52.8023, 48.1985,  
68.5454

■ 10.3308, 8.4734,  
14.6331

■ 71.2168, 65.9090,  
91.3797

■ 5.6828, 4.3993,  
8.4185

■ 93.4807, 87.4999,  
118.7936

■ 2.6920, 1.8994,  
4.2723

119.9593,  
113.3557, 151.2056

■ 0.9931, 0.5480,  
1.7759

151.0179,  
143.8607, 189.0342

■ 0.0000, 0.0000,  
0.4120

187.0220,

■ 0.0000, 0.0000,

179.3994, 232.6981

0.0000

228.3368,  
220.3561, 282.6157

■ 26.0600, 22.8814,  
34.9413

■ 26.0600, 22.8814,  
34.9413

■ 23.9785, 19.2033,  
34.3414

■ 28.4582, 27.1850,  
35.6459

■ 22.1967, 16.1178,  
33.8397

■ 31.1851, 32.1391,  
36.4584

■ 20.6988, 13.5932,  
33.4314

■ 34.2544, 37.7709,  
37.3837

■ 19.4672, 11.5941,  
33.1104

■ 37.6787, 44.1054,  
38.4259

■ 18.4820, 10.0806,  
32.8702

■ 41.4697, 51.1661,  
39.5890

■ 17.7203, 9.0073,  
32.7032

■ 45.6387, 58.9753,  
40.8766

■ 17.1553, 8.3203,  
32.6004

■ 50.1964, 67.5548,  
42.2924

■ 16.8262, 7.9712,  
32.5504

■ 55.1531, 76.9250,  
43.8397

■ 58.1442, 82.3564,  
44.7305

# Harmonies

## Analogous

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



23.7613, 22.8814, 41.0430



26.0600, 22.8814, 34.9413



27.2209, 22.8814, 26.8827

# Triad

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



26.0600, 22.8814, 34.9413



22.4251, 22.8814, 13.0342



17.3572, 22.8814, 30.9399

# Complementary

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



26.0600, 22.8814, 34.9413



23.9665, 29.8550, 22.5898

# 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.



17.0628, 22.8814, 23.0437



26.0600, 22.8814, 34.9413



19.8519, 22.8814, 13.6844

# Square

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



26.0600, 22.8814, 34.9413



25.0139, 22.8814, 15.0123



17.9401, 22.8814, 17.0159



18.7797, 22.8814, 38.4240



# Rectangle

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



26.0600, 22.8814, 34.9413



27.1322, 22.8814, 21.8841



17.9401, 22.8814, 17.0159



17.1280, 22.8814, 28.2113

# Sweetspot

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



26.0607, 22.8824, 34.9418



53.7210, 53.6796, 64.6565



21.3310, 21.2184, 34.8699



11.7640, 11.7084, 14.2103



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.



26.0607, 22.8824, 34.9418



44.5114, 37.1484, 61.9511



25.7158, 22.8331, 29.1187



6.8315, 6.7171, 8.3432



13.6851, 6.4839, 26.4375



0.2633, 0.1255, 0.4736



# Inverse Universe

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



24.4445, 22.3246, 22.4240



41.0855, 35.9749, 35.0139



24.3021, 29.9231, 27.3438



6.6615, 6.6575, 7.0688



11.3856, 5.8588, 1.0158

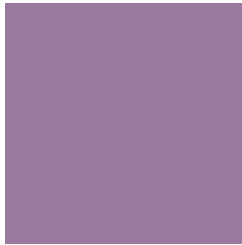


0.2112, 0.1078, 0.0585



# Previews

## White Background



This preview shows how the XYZ color 26.0600, 22.8814, 34.9413 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

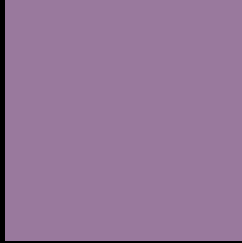
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the XYZ color 26.0600, 22.8814, 34.9413 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 26.0600, 22.8814, 34.9413**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.0600, 22.8814, 34.9413.



This preview shows how white text looks on a background with the XYZ color 26.0600, 22.8814,



# 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

26.0600, 22.8814, 34.9413

### Protanopia

22.9057, 22.8947, 37.8622

### Deuteranopia

23.5239, 23.0874, 34.6690



## Tritanopia

24.2845, 22.9005, 26.0620

# Trichromacy



## Original Color

26.0600, 22.8814, 34.9413

## Protanomaly

24.0141, 22.9028, 36.8732

## Deuteranomaly

24.2768, 22.8975, 34.5926

## Tritanomaly

24.9281, 22.9778, 29.1079

# Monochromacy



## Original Color

26.0600, 22.8814, 34.9413

## Achromatopsia

23.0288, 24.2281, 26.3844

## Achromatomaly

24.0959, 23.6992, 29.2910

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.0600, 22.8814, 34.9413 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(153, 121, 157)` looks like.

```
.text, #text, p{  
    color:rgb(153, 121, 157)  
}
```

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(153, 121, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 121, 157) }
```

## Border

The CSS property to change the border of an element to XYZ 26.0600, 22.8814, 34.9413 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(153, 121, 157) }
```



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

```
.border{ border-color:rgb(153, 121, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 121, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 121, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 121, 157);  
box-shadow:4px 4px 4px 4px rgb(153, 121,  
157) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.0600, 22.8814, 34.9413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 121, 157) }
```

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

```
.background{ background-color: rgb(153,  
121, 157) }
```

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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