

# Converting Colors

XYZ(26.6855, 24.1564, 36.8487)

Have a look what the booklet for  
XYZ(26.6855, 24.1564, 36.8487)  
contains.

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# Color

**XYZ(26.6564, 24.0742,  
36.9601)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	977EA1
RGB	151, 126, 161
RGB Percent	59%, 49%, 63%
CMY	0.4078, 0.5059, 0.3686
CMYK	0.06, 0.22, 0.00, 0.37
HSL	283°, 16%, 56%
HSV	283°, 22%, 63%
XYZ	26.6564, 24.0742, 36.9601
YIQ	137.4650, 3.6650, 16.1850

# Conversions

## Conversions Part 2

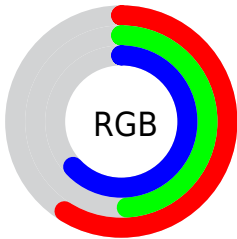
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 126, 161
Decimal	9928353
CIE <sub>Lab</sub>	56.16, 16.24, -15.10
CIE <sub>LCh</sub>	56, 22.174, 317.088
Yxy	24.0742, 0.3040, 0.2745
Android (android.graphics.Color)	4288118433 (0xFF977EA1)
YUV	137.4650, 11.6028, 11.8702
Hunter-Lab	49.0655, 11.1113, -10.3162

# Details

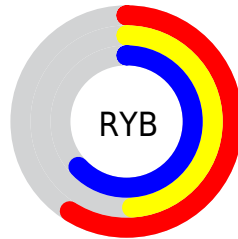
The XYZ color **26.6564, 24.0742, 36.9601** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.6649, 32.2310, 24.5556**, and the grayscale version is **23.9109, 25.1562, 27.3951**.

A 20% lighter version of the original color is **53.6916, 50.1772, 71.8211**, and **10.6697, 9.1212, 15.6662** is the 20% darker color. If you saturate the color by 10%, you get **23.9241, 19.8521, 36.2895**, and if you desaturate by 10%, it is **29.7548, 28.9782, 37.7437**.

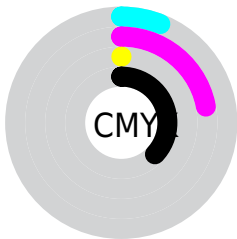
# Distribution



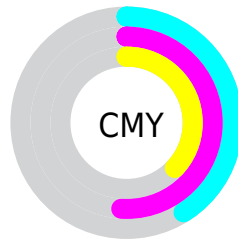
- Red (59%)
- Green (49%)
- Blue (63%)



- Red (59%)
- Yellow (49%)
- Blue (63%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (37%)



- Cyan (41%)
- Magenta (51%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6564, 24.0742, 36.9601 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 26.6564, 24.0742, 36.9601 by changing the saturation by 10% instead.



■ 26.6564, 24.0742,  
36.9601

■ 26.6564, 24.0742,  
36.9601

278.1876,  
273.1954, 348.3012

■ 17.4506, 15.3887,  
24.8811

■ 53.7558, 50.1513,  
71.6971

■ 10.6536, 9.0926,  
15.7702

■ 72.3801, 68.3116,  
95.1920

■ 5.9000, 4.8016,  
9.2091

■ 94.8746, 90.3989,  
123.3294

■ 2.8244, 2.1314,  
4.7792

121.6046,  
116.7978, 156.5278

■ 1.0616, 0.6822,  
2.0618

152.9356,  
147.8924, 195.2056

■ 0.0000, 0.0000,  
0.5929

189.2329,

■ 0.0000, 0.0000,

184.0673, 239.7814

0.0000

230.8617,  
225.7068, 290.6738

■ 26.6564, 24.0742,  
36.9601

■ 26.6564, 24.0742,  
36.9601

■ 23.9241, 19.8521,  
36.2895

■ 29.7548, 28.9782,  
37.7437

■ 21.5396, 16.2769,  
35.7251

■ 33.2322, 34.5908,  
38.6438

■ 19.4860, 13.3153,  
35.2617

■ 37.1037, 40.9408,  
39.6654

■ 17.7442, 10.9296,  
34.8930

■ 41.3826, 48.0547,  
40.8130

■ 16.2931, 9.0779,  
34.6121

■ 46.0818, 55.9576,  
42.0908

15.1083, 7.7124,  
34.4110

51.2135, 64.6734,  
43.5026

14.1614, 6.7768,  
34.2803

56.7895, 74.2250,  
45.0524

13.5034, 6.2181,  
34.2071

62.8209, 84.6344,  
46.7437

64.0333, 85.3523,  
46.8184

# Harmonies

## Analogous

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



24.3501, 24.0742, 42.0211



26.6564, 24.0742, 36.9601



27.9909, 24.0742, 29.4708

# Triad

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



26.6564, 24.0742, 36.9601



23.9928, 24.0742, 14.7875



18.5156, 24.0742, 30.5505

# Complementary

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



26.6564, 24.0742, 36.9601



26.6649, 32.2310, 24.5556

# 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.



18.4356, 24.0742, 23.2041



26.6564, 24.0742, 36.9601



21.4737, 24.0742, 14.9688

# Square

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



26.6564, 24.0742, 36.9601



26.3781, 24.0742, 17.2294



19.4815, 24.0742, 17.7813



19.7089, 24.0742, 37.8758



# Rectangle

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



26.6564, 24.0742, 36.9601



28.0898, 24.0742, 24.5210



19.4815, 24.0742, 17.7813



18.3609, 24.0742, 27.9805

# Sweetspot

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



26.6571, 24.0752, 36.9606



56.0702, 56.3659, 68.3110



23.9129, 24.7593, 37.2373



12.2243, 12.2446, 14.9628



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.



26.6571, 24.0752, 36.9606



45.3352, 39.3747, 65.5972



27.9922, 24.8328, 33.8903



7.1662, 7.1000, 8.8958



10.8261, 4.9875, 27.3219



0.2703, 0.1269, 0.5761



# Inverse Universe

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



26.6035, 24.2773, 26.5774



45.2809, 39.8366, 43.4656



25.5835, 31.6194, 26.9461



7.1531, 7.1177, 7.7927



12.1484, 6.2154, 2.7059

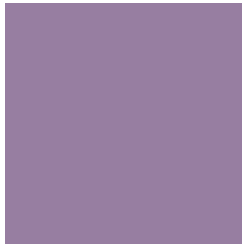


0.2746, 0.1383, 0.1587



# Previews

## White Background



This preview shows how the XYZ color 26.6564, 24.0742, 36.9601 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

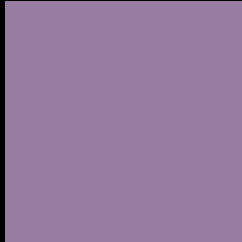
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 26.6564, 24.0742, 36.9601 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

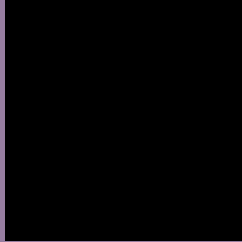
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 26.6564, 24.0742, 36.9601**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.6564, 24.0742, 36.9601.



This preview shows how white text looks on a background with the XYZ color 26.6564, 24.0742,



# 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

26.6564, 24.0742, 36.9601

### Protanopia

24.0229, 24.0403, 39.4505

### Deuteranopia

24.7498, 24.2748, 36.6388



## Tritanopia

24.9290, 24.1546, 28.1593

# Trichromacy



## Original Color

26.6564, 24.0742, 36.9601

## Protanomaly

24.8368, 23.8798, 38.4222

## Deuteranomaly

25.3123, 24.1660, 36.5881

## Tritanomaly

25.5900, 24.2282, 31.3447

# Monochromacy



## Original Color

26.6564, 24.0742, 36.9601

## Achromatopsia

23.7775, 25.0158, 27.2422

## Achromatomaly

24.7312, 24.6012, 30.6392

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.6564, 24.0742, 36.9601 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(151, 126, 161)` looks like.

```
.text, #text, p{  
    color:rgb(151, 126, 161)  
}
```

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(151, 126, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 126, 161) }
```

## Border

The CSS property to change the border of an element to XYZ 26.6564, 24.0742, 36.9601 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(151, 126, 161) }
```



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

```
.border{ border-color:rgb(151, 126, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 126, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 126, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 126, 161);  
box-shadow:4px 4px 4px 4px rgb(151, 126,  
161) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.6564, 24.0742, 36.9601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 126, 161) }
```

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

```
.background{ background-color: rgb(151,  
126, 161) }
```

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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