

Converting Colors

XYZ(26.9967, 21.6392, 35.0915)

Have a look what the booklet for
XYZ(26.9967, 21.6392, 35.0915)
contains.

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Color

**XYZ(26.9603, 21.6240,
35.1006)**

Conversions

Conversions Part 1

Format	Color
Hex	A36F9E
RGB	163, 111, 158
RGB Percent	64%, 44%, 62%
CMY	0.3608, 0.5647, 0.3804
CMYK	0.00, 0.32, 0.03, 0.36
HSL	306°, 22%, 54%
HSV	306°, 32%, 64%
XYZ	26.9603, 21.6240, 35.1006
YIQ	131.9060, 15.9050, 25.6410

Conversions

Conversions Part 2

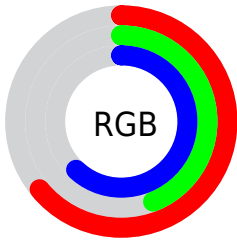
Format	Color
R_{YB}	163, 111, 158
Decimal	10710942
CIE _{Lab}	53.63, 28.41, -17.09
CIE _{LCh}	54, 33.156, 328.972
Yxy	21.6240, 0.3222, 0.2584
Android (android.graphics.Color)	4288901022 (0xFFA36F9E)
YUV	131.9060, 12.8643, 27.2694
Hunter-Lab	46.5016, 22.1114, -12.2025

Details

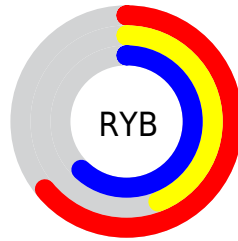
The XYZ color **26.9603, 21.6240, 35.1006** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.8061, 30.8357, 21.2742**, and the grayscale version is **21.8499, 22.9878, 25.0338**.

A 20% lighter version of the original color is **54.3209, 46.0586, 68.9780**, and **10.8069, 7.8218, 14.8501** is the 20% darker color. If you saturate the color by 10%, you get **25.2076, 18.3327, 33.8550**, and if you desaturate by 10%, it is **29.0406, 25.5669, 36.4643**.

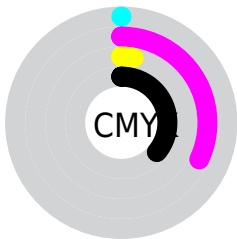
Distribution



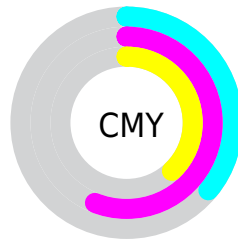
- Red (64%)
- Green (44%)
- Blue (62%)



- Red (64%)
- Yellow (44%)
- Blue (62%)



- Cyan (0%)
- Magenta (32%)
- Yellow (3%)
- Black (36%)



- Cyan (36%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9603, 21.6240, 35.1006 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 26.9603, 21.6240, 35.1006 by changing the saturation by 10% instead.

■ 26.9603, 21.6240,
35.1006

■ 26.9603, 21.6240,
35.1006

279.6359,
260.5764, 339.9299

■ 17.6798, 13.5809,
23.4562

■ 54.2405, 46.1238,
68.7949

■ 10.8187, 7.8297,
14.7223

■ 72.9709, 63.3492,
91.6819

■ 6.0114, 3.9862,
8.4802

■ 95.5821, 84.4042,
119.1536

■ 2.8928, 1.6658,
4.3116

■ 122.4393,
109.6731, 151.6283

■ 1.0973, 0.4014,
1.7978

153.9079,
139.5404, 189.5248

■ 0.0229, 0.0000,
0.4265

190.3533,

■ 0.0000, 0.0000,

174.3905, 233.2616

0.0000

232.1409,
214.6077, 283.2571

■ 26.9603, 21.6240,
35.1006

■ 26.9603, 21.6240,
35.1006

■ 25.2076, 18.3327,
33.8550

■ 29.0406, 25.5669,
36.4643

■ 23.7628, 15.6550,
32.7203

■ 31.4629, 30.1914,
37.9503

■ 22.6072, 13.5529,
31.6905

■ 34.2430, 35.5287,
39.5642

■ 21.7193, 11.9835,
30.7583

■ 37.3953, 41.6076,
41.3106

■ 21.0744, 10.8975,
29.9154

■ 40.9332, 48.4550,
43.1943

■ 20.6436, 10.2367,
29.1523

■ 44.8697, 56.0967,
45.2194

■ 20.3966, 9.9035,
28.5742

■ 49.2170, 64.5572,
47.3902

■ 53.9868, 73.8599,
49.7105

■ 58.3215, 82.2894,
51.8944

Harmonies

Analogous

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



24.0323, 21.6240, 45.0688



26.9603, 21.6240, 35.1006



28.1439, 21.6240, 23.8967

Triad

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



26.9603, 21.6240, 35.1006



20.6754, 21.6240, 8.9297



15.1509, 21.6240, 34.3152

Complementary

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



26.9603, 21.6240, 35.1006



22.8061, 30.8357, 21.2742

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.



14.4667, 21.6240, 23.1965



26.9603, 21.6240, 35.1006



17.4268, 21.6240, 10.2692

Square

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



26.9603, 21.6240, 35.1006



24.2680, 21.6240, 10.4718



15.2509, 21.6240, 14.8525



17.2378, 21.6240, 44.5312

Rectangle

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



26.9603, 21.6240, 35.1006



27.6914, 21.6240, 17.7549



15.2509, 21.6240, 14.8525



14.7606, 21.6240, 30.4738

Sweetspot

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



26.9610, 21.6250, 35.1011



57.1541, 55.6164, 68.4439



19.4104, 17.6817, 37.0409



12.6947, 12.2194, 15.2881



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.9610, 21.6250, 35.1011



46.0858, 34.5932, 61.3215



25.0002, 20.8406, 24.7757



7.3348, 7.1904, 8.7496



15.8608, 7.7004, 22.2552



0.3412, 0.1650, 0.5093

Inverse Universe

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



26.9610, 21.6250, 35.1011



46.0858, 34.5932, 61.3215



24.4862, 31.5077, 30.1215



7.3348, 7.1904, 8.7496



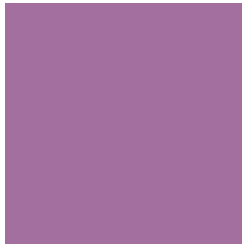
15.8608, 7.7004, 22.2552



0.3412, 0.1650, 0.5093

Previews

White Background



This preview shows how the XYZ color 26.9603, 21.6240, 35.1006 looks on a white background.

Color Contrast Check

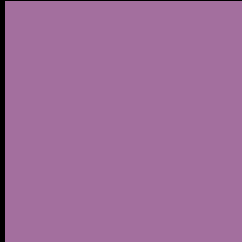
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9603, 21.6240, 35.1006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

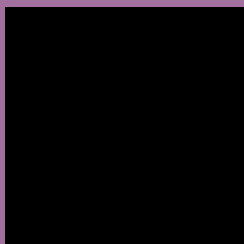
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9603, 21.6240, 35.1006

Background



This preview shows how black text looks on a background with the XYZ color 26.9603, 21.6240, 35.1006.



This preview shows how white text looks on a background with the XYZ color 26.9603, 21.6240,

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

26.9603, 21.6240, 35.1006

Protanopia

22.0869, 21.8252, 40.5847

Deuteranopia

22.2793, 21.8775, 34.0589



Tritanopia

24.4253, 21.5999, 22.6205

Trichromacy



Original Color

26.9603, 21.6240, 35.1006

Protanomaly

23.4604, 21.4597, 38.5029

Deuteranomaly

23.8226, 21.7378, 34.3927

Tritanomaly

25.2154, 21.5700, 26.8792

Monochromacy



Original Color

26.9603, 21.6240, 35.1006

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.3431, 22.1780, 28.2498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9603, 21.6240, 35.1006 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(163, 111, 158)` looks like.

```
.text, #text, p{  
    color:rgb(163, 111, 158)  
}
```

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(163, 111, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 111, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.9603, 21.6240, 35.1006 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(163, 111, 158) }
```


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

```
.border{ border-color:rgb(163, 111, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 111, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 111, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 111, 158); box-shadow:4px 4px 4px 4px rgb(163, 111, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9603, 21.6240, 35.1006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 111, 158) }
```

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

```
.background{ background-color: rgb(163,  
111, 158) }
```

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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