

Converting Colors

XYZ(25.9425, 21.3479, 25.5153)

Have a look what the booklet for
XYZ(25.9425, 21.3479, 25.5153)
contains.

XYZ(25.9940, 21.3336, 25.6694)	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(25.9940, 21.3336,
25.6694)**

Conversions

Conversions Part 1

Format	Color
Hex	A76F87
RGB	167, 111, 135
RGB Percent	65%, 44%, 53%
CMY	0.3451, 0.5647, 0.4706
CMYK	0.00, 0.34, 0.19, 0.35
HSL	334°, 24%, 55%
HSV	334°, 34%, 65%
XYZ	25.9940, 21.3336, 25.6694
YIQ	130.4800, 25.6720, 19.3360

Conversions

Conversions Part 2

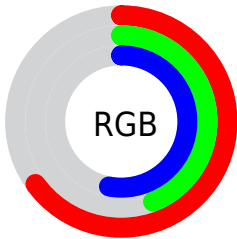
Format	Color
R_{YB}	167, 111, 135
Decimal	10973063
CIE _{Lab}	53.31, 25.79, -4.05
CIE _{LCh}	53, 26.104, 351.081
Yxy	21.3336, 0.3561, 0.2923
Android (android.graphics.Color)	4289163143 (0xFFA76F87)
YUV	130.4800, 2.2284, 32.0280
Hunter-Lab	46.1883, 19.6272, -0.6189

Details

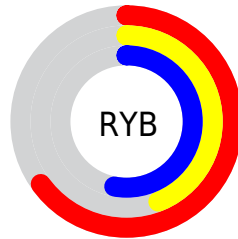
The XYZ color **25.9940, 21.3336, 25.6694** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.3331, 33.0008, 31.0228**, and the grayscale version is **21.3746, 22.4878, 24.4892**.

A 20% lighter version of the original color is **52.6057, 45.5132, 53.5893**, and **10.3017, 7.6785, 9.5335** is the 20% darker color. If you saturate the color by 10%, you get **23.6973, 17.7675, 21.7360**, and if you desaturate by 10%, it is **28.6929, 25.6071, 30.0345**.

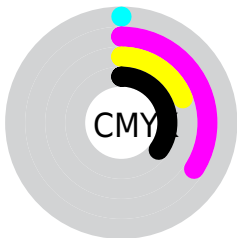
Distribution



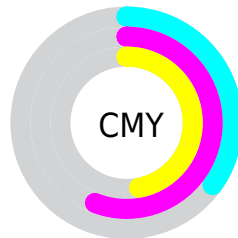
- Red (65%)
- Green (44%)
- Blue (53%)



- Red (65%)
- Yellow (44%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (19%)
- Black (35%)





- Cyan (35%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9940, 21.3336, 25.6694 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 25.9940, 21.3336, 25.6694 by changing the saturation by 10% instead.


 25.9940, 21.3336,
25.6694


 25.9940, 21.3336,
25.6694


275.0099,
259.0461, 294.7091


 16.9518, 13.3681,
16.3529


 52.6966, 45.6421,
53.7186

 10.2952, 7.6825,
9.6172


 71.0878, 62.7538,
73.2885

 5.6589, 3.8925,
5.0436

 93.3260, 83.6831,
97.1132

 2.6775, 1.6136,
2.2137

 119.7766,
108.8143, 125.6114

 0.9856, 0.3667,
0.6823

150.8049,
138.5318, 159.2015

 0.0000, 0.0000,
0.0000

186.7763,

173.2200, 198.3021

228.0562,
213.2633, 243.3318

■ 25.9940, 21.3336,
25.6694

■ 25.9940, 21.3336,
25.6694

■ 23.6973, 17.7675,
21.7360

■ 28.6929, 25.6071,
30.0345

■ 21.7802, 14.8672,
18.2184

■ 31.8111, 30.6207,
34.8439

■ 20.2210, 12.5911,
15.1014


■ 35.3672, 36.4088,
40.1111


■ 18.9944, 10.8920,
12.3682


■ 39.3777, 43.0024,
45.8487

■ 18.0720, 9.7155,
10.0004

■ 43.8587, 50.4312,
52.0686


 17.4198, 8.9968,
7.9773

 48.8250, 58.7231,
58.7826

 17.0921, 8.6778,
6.8311

 54.2912, 67.9049,
66.0016

 60.2710, 78.0020,
73.7366

 64.7333, 84.9503,
81.3164

Harmonies

Analogous

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



24.6997, 21.3336, 34.1636



25.9940, 21.3336, 25.6694



25.6516, 21.3336, 18.1724

Triad

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



25.9940, 21.3336, 25.6694



18.4246, 21.3336, 11.7237



17.1179, 21.3336, 37.1986

Complementary

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



25.9940, 21.3336, 25.6694



25.3331, 33.0008, 31.0228

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.



15.7110, 21.3336, 29.1453



25.9940, 21.3336, 25.6694



16.4164, 21.3336, 14.9182

Square

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



25.9940, 21.3336, 25.6694



21.1122, 21.3336, 11.2025



15.4664, 21.3336, 20.9478



19.4640, 21.3336, 41.7450

Rectangle

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



25.9940, 21.3336, 25.6694



24.5530, 21.3336, 14.5930



15.4664, 21.3336, 20.9478



16.5287, 21.3336, 34.7359

Sweetspot

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



25.9946, 21.3346, 25.6698



59.0157, 58.1544, 65.4701



23.9419, 19.9758, 39.1535



13.0196, 12.7103, 14.3715



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.9946, 21.3346, 25.6698



43.5242, 33.4896, 40.8284



24.9068, 21.5649, 17.8898



7.6596, 7.5937, 8.5244



13.1025, 6.6497, 5.3515



0.3446, 0.1721, 0.2661

Inverse Universe

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



25.9946, 21.3346, 25.6698



43.5242, 33.4896, 40.8284



26.6759, 32.4594, 41.4189



7.6596, 7.5937, 8.5244



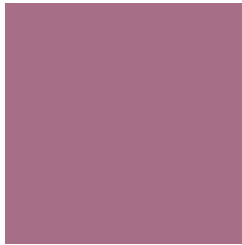
13.1025, 6.6497, 5.3515



0.3446, 0.1721, 0.2661

Previews

White Background



This preview shows how the XYZ color 25.9940, 21.3336, 25.6694 looks on a white background.

Color Contrast Check

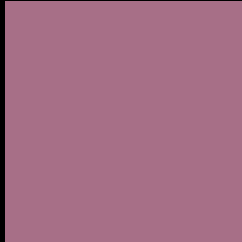
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9940, 21.3336, 25.6694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

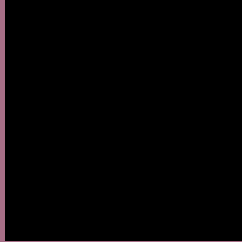
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9940, 21.3336, 25.6694

Background



This preview shows how black text looks on a background with the XYZ color 25.9940, 21.3336, 25.6694.



This preview shows how white text looks on a background with the XYZ color 25.9940, 21.3336,

25.6694.

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

25.9940, 21.3336, 25.6694

Protanopia

21.1577, 21.5831, 29.8389

Deuteranopia

21.9225, 21.5120, 25.1871



Tritanopia

25.1439, 21.3224, 21.2028

Trichromacy



Original Color

25.9940, 21.3336, 25.6694

Protanomaly

22.4603, 21.1733, 28.1024

Deuteranomaly

23.2943, 21.3044, 25.4387

Tritanomaly

25.3508, 21.2276, 22.8399

Monochromacy



Original Color

25.9940, 21.3336, 25.6694

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.5755, 21.6715, 24.8230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9940, 21.3336, 25.6694 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(167, 111, 135)` looks like.

```
.text, #text, p{  
    color:rgb(167, 111, 135)  
}
```

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(167, 111, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 111, 135) }
```

Border

The CSS property to change the border of an element to XYZ 25.9940, 21.3336, 25.6694 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(167, 111, 135) }
```


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

```
.border{ border-color:rgb(167, 111, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 111, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 111, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 111, 135);  
box-shadow:4px 4px 4px 4px rgb(167, 111,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9940, 21.3336, 25.6694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 111, 135) }
```

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

```
.background{ background-color: rgb(167,  
111, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor