

Converting Colors

XYZ(25.3960, 21.8323, 34.7738)

Have a look what the booklet for
XYZ(25.3960, 21.8323, 34.7738)
contains.

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Color

**XYZ(25.3960, 21.8323,
34.7738)**

Conversions

Conversions Part 1

Format	Color
Hex	98759D
RGB	152, 117, 157
RGB Percent	60%, 46%, 62%
CMY	0.4039, 0.5412, 0.3843
CMYK	0.03, 0.25, 0.00, 0.38
HSL	293°, 17%, 54%
HSV	293°, 25%, 62%
XYZ	25.3960, 21.8323, 34.7738
YIQ	132.0250, 8.0200, 19.8600

Conversions

Conversions Part 2

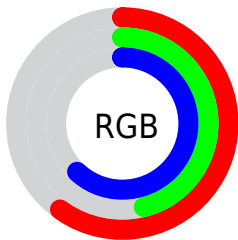
Format	Color
R_{YB}	152, 117, 157
Decimal	9991581
CIE _{Lab}	53.85, 20.97, -16.28
CIE _{LCh}	54, 26.547, 322.177
Yxy	21.8323, 0.3097, 0.2662
Android (android.graphics.Color)	4288181661 (0xFF98759D)
YUV	132.0250, 12.3127, 17.5181
Hunter-Lab	46.7250, 15.2495, -11.4174

Details

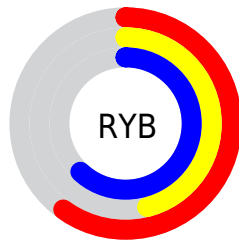
The XYZ color **25.3960, 21.8323, 34.7738** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.2946, 29.5364, 21.3040**, and the grayscale version is **21.8967, 23.0370, 25.0873**.

A 20% lighter version of the original color is **51.8038, 46.3948, 68.5121**, and **9.9242, 7.8842, 14.6344** is the 20% darker color. If you saturate the color by 10%, you get **23.3539, 18.2884, 34.1977**, and if you desaturate by 10%, it is **27.7524, 25.9948, 35.4534**.

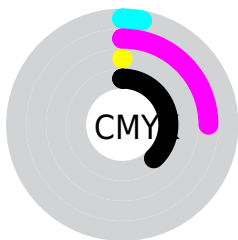
Distribution



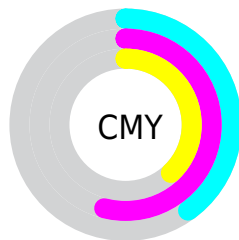
- Red (60%)
- Green (46%)
- Blue (62%)



- Red (60%)
- Yellow (46%)
- Blue (62%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3960, 21.8323, 34.7738 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 25.3960, 21.8323, 34.7738 by changing the saturation by 10% instead.

■ 25.3960, 21.8323,
34.7738

■ 25.3960, 21.8323,
34.7738

272.1157,
261.6693, 338.4426

■ 16.5026, 13.7337,
23.2065

■ 51.7372, 46.4687,
68.2828

■ 9.9736, 7.9357,
14.5393

■ 69.9158, 63.7753,
91.0616

■ 5.4436, 4.0538,
8.3537

■ 91.9201, 84.9200,
118.4146

■ 2.5472, 1.7037,
4.2311

118.1155,
110.2872, 150.7605

■ 0.9191, 0.4261,
1.7530

148.8675,
140.2614, 188.5177

■ 0.0000, 0.0000,
0.3967

184.5413,

■ 0.0000, 0.0000,

175.2268, 232.1047

0.0000

225.5022,
215.5680, 281.9402

■ 25.3960, 21.8323,
34.7738

■ 25.3960, 21.8323,
34.7738

■ 23.3539, 18.2884,
34.1977

■ 27.7524, 25.9948,
35.4534

■ 21.6086, 15.3298,
33.7186

■ 30.4352, 30.8015,
36.2398

■ 20.1443, 12.9240,
33.3314

■ 33.4585, 36.2802,
37.1379

■ 18.9426, 11.0346,
33.0301

■ 36.8349, 42.4559,
38.1520

■ 17.9830, 9.6205,
32.8077

■ 40.5764, 49.3525,
39.2860

■ 17.2418, 8.6345,
32.6565

■ 44.6944, 56.9929,
40.5437

■ 16.6880, 8.0144,
32.5660

■ 49.1997, 65.3987,
41.9287

■ 16.4642, 7.7846,
32.5334

■ 54.1028, 74.5907,
43.4445

■ 58.3506, 82.4629,
44.7401

Harmonies

Analogous

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



22.8927, 21.8323, 41.5033



25.3960, 21.8323, 34.7738



26.6780, 21.8323, 25.9762

Triad

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



25.3960, 21.8323, 34.7738



21.5071, 21.8323, 11.3509



16.0716, 21.8323, 30.2134

Complementary

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



25.3960, 21.8323, 34.7738



23.2946, 29.5364, 21.3040

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.



15.7740, 21.8323, 21.6955



25.3960, 21.8323, 34.7738



18.7471, 21.8323, 11.9834

Square

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



25.3960, 21.8323, 34.7738



24.3023, 21.8323, 13.3904



16.7099, 21.8323, 15.3758



17.5636, 21.8323, 38.4776

Rectangle

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



25.3960, 21.8323, 34.7738



26.5924, 21.8323, 20.6073



16.7099, 21.8323, 15.3758



15.8344, 21.8323, 27.2444

Sweetspot

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



25.3967, 21.8332, 34.7743



53.1603, 52.7405, 64.5048



20.4233, 20.2183, 34.7247



11.5442, 11.3299, 14.1488



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.



25.3967, 21.8332, 34.7743



43.1784, 35.0872, 61.6235



25.1741, 21.8546, 28.6148



6.8225, 6.7125, 8.3427



13.3931, 6.3334, 26.4238



0.2601, 0.1239, 0.4734

Inverse Universe

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



23.7795, 21.2968, 21.2706



39.7894, 33.9756, 32.7544



23.5359, 29.5532, 26.1751



6.6651, 6.6590, 7.0877



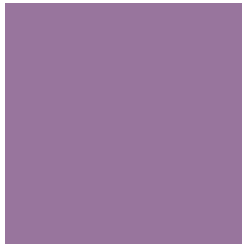
11.4010, 5.8650, 1.0970



0.2124, 0.1083, 0.0646

Previews

White Background



This preview shows how the XYZ color 25.3960, 21.8323, 34.7738 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 25.3960, 21.8323, 34.7738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

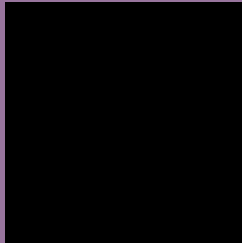
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3960, 21.8323, 34.7738

Background



This preview shows how black text looks on a background with the XYZ color 25.3960, 21.8323, 34.7738.



This preview shows how white text looks on a background with the XYZ color 25.3960, 21.8323,

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

25.3960, 21.8323, 34.7738

Protanopia

22.1657, 22.1117, 38.2217

Deuteranopia

22.2793, 21.8775, 34.0589



Tritanopia

23.2690, 21.8537, 24.4645

Trichromacy



Original Color

25.3960, 21.8323, 34.7738

Protanomaly

23.1564, 21.8940, 36.7237

Deuteranomaly

23.4002, 21.8846, 34.4433

Tritanomaly

23.8445, 21.7160, 27.7458

Monochromacy



Original Color

25.3960, 21.8323, 34.7738

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.0446, 22.5908, 28.3452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3960, 21.8323, 34.7738 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(152, 117, 157)` looks like.

```
.text, #text, p{  
    color:rgb(152, 117, 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(152, 117, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 117, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.3960, 21.8323, 34.7738 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(152, 117, 157) }
```


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

```
.border{ border-color:rgb(152, 117, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 117, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 117, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 117, 157);  
box-shadow:4px 4px 4px 4px rgb(152, 117,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3960, 21.8323, 34.7738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 117, 157) }
```

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

```
.background{ background-color: rgb(152,  
117, 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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