

Converting Colors

XYZ(25.1362, 21.9650, 32.3472)

Have a look what the booklet for
XYZ(25.1362, 21.9650, 32.3472)
contains.

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Color

**XYZ(25.0132, 21.8666,
32.1805)**

Conversions

Conversions Part 1

Format	Color
Hex	987697
RGB	152, 118, 151
RGB Percent	60%, 46%, 59%
CMY	0.4039, 0.5372, 0.4078
CMYK	0.00, 0.22, 0.01, 0.40
HSL	302°, 14%, 53%
HSV	302°, 22%, 60%
XYZ	25.0132, 21.8666, 32.1805
YIQ	131.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

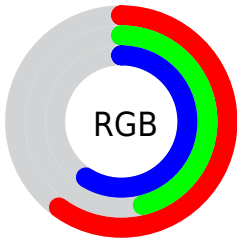
Format	Color
R_{YB}	152, 118, 151
Decimal	9991831
CIE _{Lab}	53.89, 19.19, -12.73
CIE _{LCh}	54, 23.025, 326.436
Yxy	21.8666, 0.3164, 0.2766
Android (android.graphics.Color)	4288181911 (0xFF987697)
YUV	131.9280, 9.4025, 17.6031
Hunter-Lab	46.7617, 13.6479, -8.0690

Details

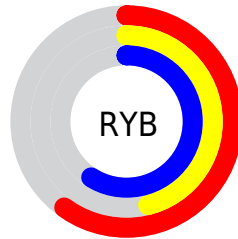
The XYZ color **25.0132, 21.8666, 32.1805** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.0300, 27.6405, 21.6279**, and the grayscale version is **21.8715, 23.0105, 25.0584**.

A 20% lighter version of the original color is **51.1263, 46.4226, 64.0234**, and **9.7952, 7.9430, 13.0735** is the 20% darker color. If you saturate the color by 10%, you get **23.3295, 18.5568, 31.4407**, and if you desaturate by 10%, it is **26.9868, 25.7553, 33.0181**.

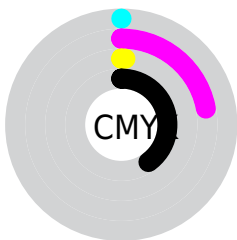
Distribution



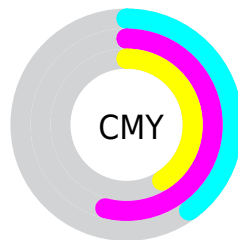
- Red (60%)
- Green (46%)
- Blue (59%)



- Red (60%)
- Yellow (46%)
- Blue (59%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0132, 21.8666, 32.1805 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 25.0132, 21.8666, 32.1805 by changing the saturation by 10% instead.

■ 25.0132, 21.8666,
32.1805

■ 25.0132, 21.8666,
32.1805

270.2501,
261.8488, 326.4587

■ 16.2157, 13.7589,
21.2334

■ 51.1214, 46.5254,
64.1951

■ 9.7687, 7.9532,
13.1018

■ 69.1627, 63.8453,
86.0998

■ 5.3070, 4.0650,
7.3672

■ 91.0161, 85.0048,
112.4941

■ 2.4651, 1.7100,
3.6109

117.0468,
110.3882, 143.7965

■ 0.8777, 0.4301,
1.4144

147.6202,
140.3799, 180.4257

■ 0.0000, 0.0000,
0.1529

183.1016,

■ 0.0000, 0.0000,

175.3643, 222.8001

0.0000

223.8565,
215.7258, 271.3382

■ 25.0132, 21.8666,
32.1805

■ 25.0132, 21.8666,
32.1805

■ 23.3295, 18.5568,
31.4407

■ 26.9868, 25.7553,
33.0181

■ 21.9199, 15.7954,
30.7927

■ 29.2613, 30.2457,
33.9565

■ 20.7702, 13.5536,
30.2320

■ 31.8493, 35.3630,
35.0000

■ 19.8640, 11.7986,
29.7531

■ 34.7622, 41.1300,
36.1525

■ 19.1832, 10.4941,
29.3501

■ 38.0110, 47.5685,
37.4177

■ 18.7070, 9.5985,
29.0159

■ 41.6060, 54.6991,
38.7989

■ 18.4108, 9.0629,
28.7424

■ 45.5570, 62.5417,
40.2996

■ 18.2572, 8.7987,
28.5582

■ 49.8737, 71.1152,
41.9227

■ 54.5651, 80.4380,
43.6715

Harmonies

Analogous

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



22.9784, 21.8666, 38.2416



25.0132, 21.8666, 32.1805



25.9124, 21.8666, 24.6675

Triad

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



25.0132, 21.8666, 32.1805



21.0812, 21.8666, 12.6191



16.8014, 21.8666, 30.4174

Complementary

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



25.0132, 21.8666, 32.1805



22.0300, 27.6405, 21.6279

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.



16.3805, 21.8666, 22.9707



25.0132, 21.8666, 32.1805



18.7331, 21.8666, 13.5591

Square

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



25.0132, 21.8666, 32.1805



23.5314, 21.8666, 14.1503



17.0598, 21.8666, 17.0320



18.2584, 21.8666, 37.0898

Rectangle

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



25.0132, 21.8666, 32.1805



25.6980, 21.8666, 20.1520



17.0598, 21.8666, 17.0320



16.5393, 21.8666, 27.8837

Sweetspot

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



25.0139, 21.8676, 32.1810



49.6660, 49.4703, 59.1232



19.6953, 19.1163, 32.3579



11.2408, 11.1500, 13.4183



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.0139, 21.8676, 32.1810



42.5557, 35.4592, 56.1071



23.7614, 21.3666, 25.5856



6.4534, 6.3205, 7.7676



15.3102, 7.3783, 23.9562



0.2310, 0.1111, 0.3693

Inverse Universe

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



25.0139, 21.8676, 32.1810



42.5557, 35.4592, 56.1071



23.1134, 28.0739, 27.3328



6.4534, 6.3205, 7.7676



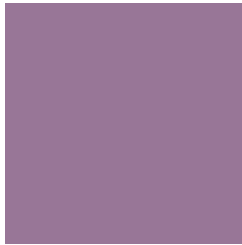
15.3102, 7.3783, 23.9562



0.2310, 0.1111, 0.3693

Previews

White Background



This preview shows how the XYZ color 25.0132, 21.8666, 32.1805 looks on a white background.

Color Contrast Check

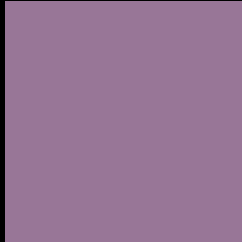
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0132, 21.8666, 32.1805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

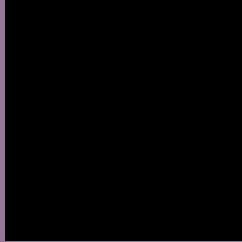
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0132, 21.8666, 32.1805

Background



This preview shows how black text looks on a background with the XYZ color 25.0132, 21.8666, 32.1805.



This preview shows how white text looks on a background with the XYZ color 25.0132, 21.8666,

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

25.0132, 21.8666, 32.1805

Protanopia

21.9168, 22.0445, 35.4476

Deuteranopia

22.4816, 22.0293, 31.9213



Tritanopia

23.4507, 21.9473, 24.4730

Trichromacy



Original Color

25.0132, 21.8666, 32.1805

Protanomaly

22.7969, 21.7684, 34.0105

Deuteranomaly

23.2354, 21.8569, 31.8483

Tritanomaly

24.0025, 21.9938, 27.0249

Monochromacy



Original Color

25.0132, 21.8666, 32.1805

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.8970, 22.5318, 27.5684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0132, 21.8666, 32.1805 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, 118, 151)` looks like.

```
.text, #text, p{  
    color:rgb(152, 118, 151)  
}
```

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, 118, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 118, 151) }
```

Border

The CSS property to change the border of an element to XYZ 25.0132, 21.8666, 32.1805 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, 118, 151) }
```


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

```
.border{ border-color:rgb(152, 118, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 118, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 118, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 118, 151);  
box-shadow:4px 4px 4px 4px rgb(152, 118,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0132, 21.8666, 32.1805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 118, 151) }
```

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

```
.background{ background-color: rgb(152,  
118, 151) }
```

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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