

Converting Colors

XYZ(25.0632, 24.6806, 25.6343)

Have a look what the booklet for
XYZ(25.0632, 24.6806, 25.6343)
contains.

XYZ(25.0626, 24.6800, 25.6331)	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(25.0626, 24.6800,
25.6331)**

Conversions

Conversions Part 1

Format	Color
Hex	968485
RGB	150, 132, 133
RGB Percent	59%, 52%, 52%
CMY	0.4118, 0.4823, 0.4784
CMYK	0.00, 0.12, 0.11, 0.41
HSL	357°, 8%, 55%
HSV	357°, 12%, 59%
XYZ	25.0626, 24.6800, 25.6331
YIQ	137.4960, 10.4070, 4.1270

Conversions

Conversions Part 2

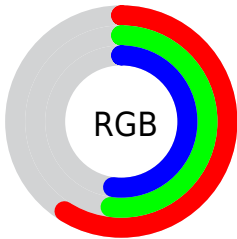
Format	Color
R _Y B	150, 132, 133
Decimal	9864325
CIE Lab	56.76, 7.00, 1.96
CIE LCh	57, 7.265, 15.642
Yxy	24.6800, 0.3325, 0.3274
Android (android.graphics.Color)	4288054405 (0xFF968485)
YUV	137.4960, -2.2165, 10.9660
Hunter-Lab	49.6790, 3.1135, 4.1831

Details

The XYZ color **25.0626, 24.6800, 25.6331** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8478, 28.8888, 32.6490**, and the grayscale version is **23.9716, 25.2200, 27.4646**.

A 20% lighter version of the original color is **51.1137, 51.0805, 53.6199**, and **9.8391, 9.4793, 9.6986** is the 20% darker color. If you saturate the color by 10%, you get **22.2592, 20.5354, 20.1905**, and if you desaturate by 10%, it is **28.2919, 29.4646, 31.8698**.

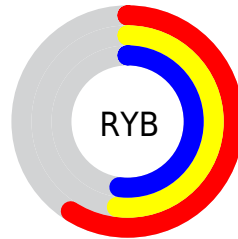
Distribution



Red (59%)

Green (52%)

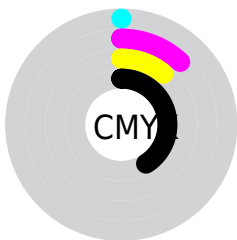
Blue (52%)



Red (59%)

Yellow (52%)

Blue (52%)

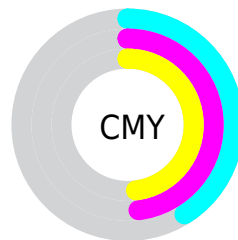


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (41%)



Cyan (41%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0626, 24.6800, 25.6331 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 25.0626, 24.6800, 25.6331 by changing the saturation by 10% instead.

■ 25.0626, 24.6800,
25.6331

■ 25.0626, 24.6800,
25.6331

270.4914,
276.2405, 294.5243

■ 16.2527, 15.8388,
16.3261

■ 51.2009, 51.1376,
53.6592

■ 9.7951, 9.4102,
9.5983

■ 69.2600, 69.5228,
73.2154

■ 5.3245, 5.0097,
5.0314

■ 91.1329, 91.8582,
97.0251

■ 2.4756, 2.2529,
2.2066

117.1849,
118.5280, 125.5068

■ 0.8830, 0.7486,
0.6782

147.7814,
149.9168, 159.0790

■ 0.0000, 0.0000,
0.0000

183.2878,

186.4089, 198.1603

224.0693,
228.3887, 243.1692

■ 25.0626, 24.6800,
25.6331

■ 25.0626, 24.6800,
25.6331

■ 22.2592, 20.5354,
20.1905

■ 28.2919, 29.4646,
31.8698

■ 19.8621, 17.0005,
15.5087

■ 31.9617, 34.9113,
38.9289

■ 17.8529, 14.0477,
11.5542

■ 36.0885, 41.0450,
46.8396

■ 16.2113, 11.6456,
8.2905

■ 40.6872, 47.8887,
55.6287

■ 14.9149, 9.7602,
5.6779

■ 45.7721, 55.4639,
65.3223

■ 13.9392, 8.3536,
3.6728

■ 51.3568, 63.7915,
75.9451

■ 13.2560, 7.3826,
2.2261

■ 57.4546, 72.8915,
87.5210

■ 12.8325, 6.7964,
1.2811

■ 64.0781, 82.7830,
100.0729

■ 12.6234, 6.5023,
0.8285

■ 66.3878, 85.2241,
107.5586

Harmonies

Analogous

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



25.0725, 24.6800, 28.0467



25.0626, 24.6800, 25.6331



24.6158, 24.6800, 23.6707

Triad

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



25.0626, 24.6800, 25.6331



22.3113, 24.6800, 23.7388



23.0557, 24.6800, 31.6535

Complementary

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



25.0626, 24.6800, 25.6331



25.8478, 28.8888, 32.6490

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.



22.3363, 24.6800, 30.3504



25.0626, 24.6800, 25.6331



21.9136, 24.6800, 25.7312

Square

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



25.0626, 24.6800, 25.6331



23.0208, 24.6800, 22.6228



21.9226, 24.6800, 28.1509



23.8999, 24.6800, 31.6233

Rectangle

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



25.0626, 24.6800, 25.6331



24.1363, 24.6800, 22.8398



21.9226, 24.6800, 28.1509



22.7917, 24.6800, 31.3536

Sweetspot

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



25.0633, 24.6811, 25.6336



48.6797, 50.1464, 53.8346



26.1150, 25.0764, 32.3183



10.6970, 10.9781, 11.7547



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.0633, 24.6811, 25.6336



43.0387, 41.7924, 42.9281



26.0922, 26.8486, 25.6382



5.8131, 5.8203, 6.1217



10.4735, 5.3944, 0.7084



0.1308, 0.0671, 0.0223

Inverse Universe

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



25.0633, 24.6811, 25.6336



43.0387, 41.7924, 42.9281



24.7245, 26.5140, 32.6691



5.8131, 5.8203, 6.1217



10.4735, 5.3944, 0.7084



0.1308, 0.0671, 0.0223

Previews

White Background



This preview shows how the XYZ color 25.0626, 24.6800, 25.6331 looks on a white background.

Color Contrast Check

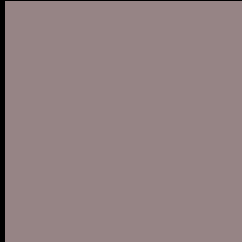
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0626, 24.6800, 25.6331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

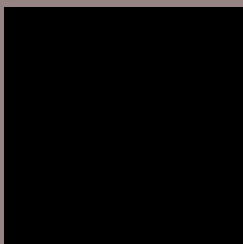
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0626, 24.6800, 25.6331

Background



This preview shows how black text looks on a background with the XYZ color 25.0626, 24.6800, 25.6331.

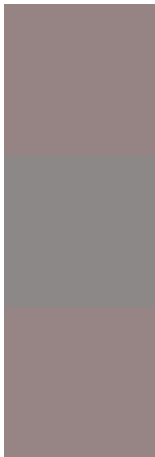


This preview shows how white text looks on a background with the XYZ color 25.0626, 24.6800,

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

25.0626, 24.6800, 25.6331

Protanopia

23.8248, 24.8466, 26.4618

Deuteranopia

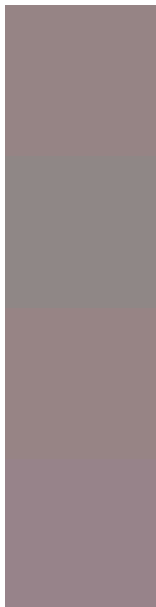
25.2474, 24.7753, 25.6417



Tritanopia

25.6865, 24.7350, 28.6198

Trichromacy



Original Color

25.0626, 24.6800, 25.6331

Protanomaly

24.2947, 24.8888, 26.0778

Deuteranomaly

25.2474, 24.7753, 25.6417

Tritanomaly

25.4662, 24.6469, 27.4599

Monochromacy



Original Color

25.0626, 24.6800, 25.6331

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2632, 24.8563, 26.8115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0626, 24.6800, 25.6331 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(150, 132, 133)` looks like.

```
.text, #text, p{  
    color:rgb(150, 132, 133)  
}
```

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(150, 132, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 132, 133) }
```

Border

The CSS property to change the border of an element to XYZ 25.0626, 24.6800, 25.6331 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(150, 132, 133) }
```


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

```
.border{ border-color:rgb(150, 132, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 132, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 132, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 132, 133);  
box-shadow:4px 4px 4px 4px rgb(150, 132,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0626, 24.6800, 25.6331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 132, 133) }
```

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

```
.background{ background-color: rgb(150,  
132, 133) }
```

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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