

Converting Colors

XYZ(25.0674, 23.5481, 23.6461)

Have a look what the booklet for
XYZ(25.0674, 23.5481, 23.6461)
contains.

XYZ(25.0674, 23.5481, 23.6461)	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(25.0674, 23.5481,
23.6461)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7E80
RGB	156, 126, 128
RGB Percent	61%, 49%, 50%
CMY	0.3882, 0.5059, 0.4980
CMYK	0.00, 0.19, 0.18, 0.39
HSL	356°, 13%, 55%
HSV	356°, 19%, 61%
XYZ	25.0674, 23.5481, 23.6461
YIQ	135.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

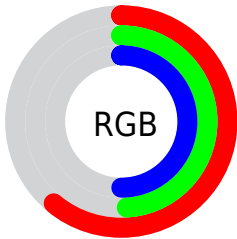
Format	Color
RYB	156, 126, 128
Decimal	10256000
CIELab	55.63, 11.89, 3.29
CIELCh	56, 12.333, 15.463
Yxy	23.5481, 0.3469, 0.3259
Android (android.graphics.Color)	4288446080 (0xFF9C7E80)
YUV	135.1980, -3.5486, 18.2434
Hunter-Lab	48.5264, 7.2870, 5.0774

Details

The XYZ color **25.0674, 23.5481, 23.6461** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.3263, 30.5462, 35.0817**, and the grayscale version is **23.1114, 24.3150, 26.4790**.

A 20% lighter version of the original color is **51.3246, 49.4253, 50.5510**, and **9.7741, 8.8153, 8.5835** is the 20% darker color. If you saturate the color by 10%, you get **22.3354, 19.5093, 18.3413**, and if you desaturate by 10%, it is **28.2494, 28.2662, 29.7801**.

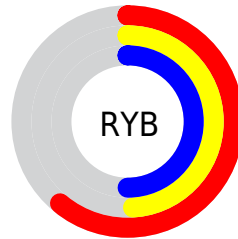
Distribution



Red (61%)

Green (49%)

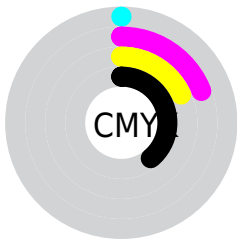
Blue (50%)



Red (61%)

Yellow (49%)

Blue (50%)

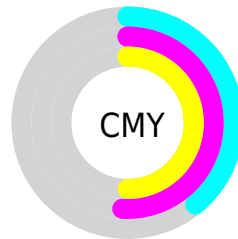


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (39%)



Cyan (39%)


Magenta (51%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0674, 23.5481, 23.6461 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 25.0674, 23.5481, 23.6461 by changing the saturation by 10% instead.


 25.0674, 23.5481,
23.6461


 25.0674, 23.5481,
23.6461


270.5149,
270.5278, 284.2551


 16.2563, 14.9987,
14.8615


 51.2086, 49.2918,
50.3886

 9.7977, 8.8185,
8.5767


 69.2695, 67.2548,
69.1837

 5.3263, 4.6230,
4.3731


 91.1443, 89.1246,
92.1527

 2.4766, 2.0278,
1.8322

117.1984,
115.2855, 119.7141

 0.8835, 0.6235,
0.4491

147.7971,
146.1218, 152.2865

 0.0000, 0.0000,
0.0000

183.3059,

182.0181, 190.2884

224.0900,
223.3586, 234.1384

■ 25.0674, 23.5481,
23.6461

■ 25.0674, 23.5481,
23.6461

■ 22.3354, 19.5093,
18.3413

■ 28.2494, 28.2662,
29.7801

■ 20.0312, 16.1156,
13.8287

■ 31.8982, 33.6895,
36.7752

■ 18.1337, 13.3344,
10.0707

■ 36.0325, 39.8464,
44.6634

■ 16.6193, 11.1293,
7.0262

■ 40.6692, 46.7629,
53.4746

■ 15.4617, 9.4599,
4.6498

■ 45.8242, 54.4636,
63.2373

■ 14.6317, 8.2804,
2.8914

■ 51.5130, 62.9720,
73.9789

■ 14.0950, 7.5377,
1.6935

■ 57.7504, 72.3108,
85.7256

■ 13.7868, 7.1194,
0.9798

■ 64.5504, 82.5016,
98.5026

■ 13.7673, 7.0907,
0.9413

■ 67.5204, 85.8080,
107.6116

Harmonies

Analogous

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



25.0795, 23.5481, 27.6166



25.0674, 23.5481, 23.6461



24.3160, 23.5481, 20.5454

Triad

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



25.0674, 23.5481, 23.6461



20.5240, 23.5481, 20.6212



21.7153, 23.5481, 33.8166

Complementary

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



25.0674, 23.5481, 23.6461



26.3263, 30.5462, 35.0817

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.



20.5529, 23.5481, 31.5137



25.0674, 23.5481, 23.6461



19.8848, 23.5481, 23.7598

Square

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



25.0674, 23.5481, 23.6461



21.6743, 23.5481, 18.9267



19.8951, 23.5481, 27.7427



23.1044, 23.5481, 33.7780

Rectangle

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



25.0674, 23.5481, 23.6461



23.5141, 23.5481, 19.2682



19.8951, 23.5481, 27.7427



21.2864, 23.5481, 33.2810

Sweetspot

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



25.0681, 23.5492, 23.6466



53.2771, 54.2626, 57.8695



26.7887, 24.1931, 34.7105



11.6399, 11.8163, 12.5739



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.



25.0681, 23.5492, 23.6466



43.3354, 39.5236, 38.6961



26.7095, 27.0403, 23.5515



6.6501, 6.6530, 7.0085



11.3452, 5.8426, 0.8028



0.2075, 0.1063, 0.0388

Inverse Universe

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



25.0681, 23.5492, 23.6466



43.3354, 39.5236, 38.6961



24.4283, 26.4817, 35.2766



6.6501, 6.6530, 7.0085



11.3452, 5.8426, 0.8028



0.2075, 0.1063, 0.0388

Previews

White Background



This preview shows how the XYZ color 25.0674, 23.5481, 23.6461 looks on a white background.

Color Contrast Check

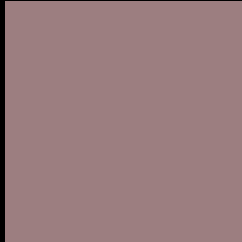
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0674, 23.5481, 23.6461 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 25.0674, 23.5481, 23.6461

Background



This preview shows how black text looks on a background with the XYZ color 25.0674, 23.5481, 23.6461.



This preview shows how white text looks on a background with the XYZ color 25.0674, 23.5481,

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

25.0674, 23.5481, 23.6461

Protanopia

22.7057, 23.6752, 25.2029

Deuteranopia

24.0754, 23.6224, 23.3693



Tritanopia

25.6114, 23.5846, 26.1241

Trichromacy



Original Color

25.0674, 23.5481, 23.6461

Protanomaly

23.4071, 23.4436, 24.7641

Deuteranomaly

24.4988, 23.6460, 23.3516

Tritanomaly

25.4031, 23.5013, 25.0271

Monochromacy



Original Color

25.0674, 23.5481, 23.6461

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.7438, 24.0081, 25.2124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0674, 23.5481, 23.6461 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(156, 126, 128)` looks like.

```
.text, #text, p{  
    color:rgb(156, 126, 128)  
}
```

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(156, 126, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 126, 128) }
```

Border

The CSS property to change the border of an element to XYZ 25.0674, 23.5481, 23.6461 is called "border". The border property can be set on classes, ids or directly on the HTML element.

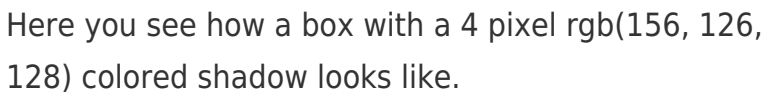
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 126, 128) }
```


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

```
.border{ border-color:rgb(156, 126, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 126, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 126, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 126, 128); box-shadow:4px 4px 4px 4px rgb(156, 126, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0674, 23.5481, 23.6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 126, 128) }
```

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

```
.background{ background-color: rgb(156,  
126, 128) }
```

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