

Converting Colors

XYZ(25.1321, 24.9202, 24.5335)

Have a look what the booklet for
XYZ(25.1321, 24.9202, 24.5335)
contains.

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Color

**XYZ(25.1793, 24.9661,
24.6109)**

Conversions

Conversions Part 1

Format	Color
Hex	978582
RGB	151, 133, 130
RGB Percent	59%, 52%, 51%
CMY	0.4078, 0.4784, 0.4902
CMYK	0.00, 0.12, 0.14, 0.41
HSL	9°, 9%, 55%
HSV	9°, 14%, 59%
XYZ	25.1793, 24.9661, 24.6109
YIQ	138.0400, 11.6910, 2.8830

Conversions

Conversions Part 2

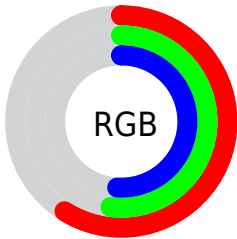
Format	Color
R_{YB}	151, 134, 130
Decimal	9930114
CIE Lab	57.04, 6.29, 4.11
CIE LCh	57, 7.508, 33.153
Yxy	24.9661, 0.3368, 0.3340
Android (android.graphics.Color)	4288120194 (0xFF978582)
YUV	138.0400, -3.9637, 11.3659
Hunter-Lab	49.9661, 2.5105, 5.7729

Details

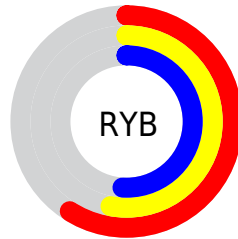
The XYZ color **25.1793, 24.9661, 24.6109** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3815, 28.1593, 33.3760**, and the grayscale version is **24.1848, 25.4443, 27.7089**.

A 20% lighter version of the original color is **51.2830, 51.5158, 52.0404**, and **9.9111, 9.6441, 9.1237** is the 20% darker color. If you saturate the color by 10%, you get **22.5755, 21.2630, 19.1041**, and if you desaturate by 10%, it is **28.1516, 29.1675, 30.9750**.

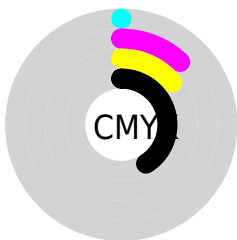
Distribution



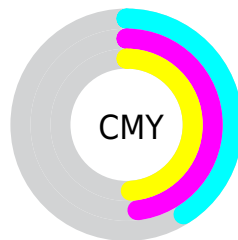
- Red (59%)
- Green (52%)
- Blue (51%)



- Red (59%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (41%)





- Cyan (41%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1793, 24.9661, 24.6109 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 25.1793, 24.9661, 24.6109 by changing the saturation by 10% instead.


 25.1793, 24.9661,
24.6109


 25.1793, 24.9661,
24.6109


271.0609,
277.6691, 289.2800


 16.3401, 16.0518,
15.5710

 51.3888, 51.6022,
51.9815

 9.8575, 9.5608,
9.0701


 69.4897, 70.0928,
71.1494

 5.3661, 5.1088,
4.6895


 91.4087, 92.5443,
94.5303

 2.5006, 2.3112,
2.0107

117.5111,
119.3411, 122.5429

 0.8956, 0.7796,
0.5619

148.1621,
150.8676, 155.6056

 0.0000, 0.0000,
0.0000

183.7272,

187.5082, 194.1370

224.5716,
229.6472, 238.5556

■ 25.1793, 24.9661,
24.6109

■ 25.1793, 24.9661,
24.6109

■ 22.5755, 21.2630,
19.1041

■ 28.1516, 29.1675,
30.9750

■ 20.3237, 18.0365,
14.4163

■ 31.5038, 33.8813,
38.2293

■ 18.4093, 15.2683,
10.5089

■ 35.2495, 39.1252,
46.4067

■ 16.8159, 12.9373,
7.3393

■ 39.4010, 44.9151,
55.5382

■ 15.5256, 11.0211,
4.8610

■ 43.9700, 51.2660,
65.6532

■ 14.5188, 9.4952,
3.0220

■ 48.9676, 58.1925,
76.7798

■ 13.7735, 8.3324,
1.7630

■ 54.4049, 65.7088,
88.9452

■ 13.2642, 7.5019,
1.0131

■ 60.2921, 73.8283,
102.1752

■ 13.0418, 7.1378,
0.6903

■ 64.8339, 81.8419,
106.9877

Harmonies

Analogous

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



25.4652, 24.9661, 26.9174



25.1793, 24.9661, 24.6109



24.5045, 24.9661, 23.0729

Triad

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



25.1793, 24.9661, 24.6109



22.2470, 24.9661, 25.0468



23.8230, 24.9661, 32.3328

Complementary

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



25.1793, 24.9661, 24.6109



25.3815, 28.1593, 33.3760

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.



22.9711, 24.9661, 31.7562



25.1793, 24.9661, 24.6109



22.0746, 24.9661, 27.4521

Square

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



25.1793, 24.9661, 24.6109



22.8133, 24.9661, 23.3134



22.3365, 24.9661, 29.9301



24.6700, 24.9661, 31.4606

Rectangle

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



25.1793, 24.9661, 24.6109



23.9325, 24.9661, 22.6370



22.3365, 24.9661, 29.9301



23.5277, 24.9661, 32.3021

Sweetspot

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



25.1800, 24.9672, 24.6114



50.3178, 52.0972, 55.2615



26.1066, 24.6893, 31.4899



11.3460, 11.7133, 12.3653



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.



25.1800, 24.9672, 24.6114



43.4197, 42.3368, 40.5198



26.6596, 27.9264, 25.1046



6.2766, 6.3582, 6.5023



11.1085, 6.0995, 0.5918



0.1821, 0.1233, 0.0142

Inverse Universe

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



25.3815, 28.1593, 33.3760



43.8587, 49.2985, 59.6376



23.8376, 25.0715, 32.8613



6.3093, 6.8759, 7.9236



11.4919, 15.3805, 27.2707



0.1899, 0.2661, 0.4137

Previews

White Background



This preview shows how the XYZ color 25.1793, 24.9661, 24.6109 looks on a white background.

Color Contrast Check

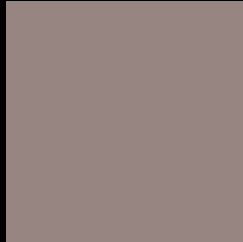
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1793, 24.9661, 24.6109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

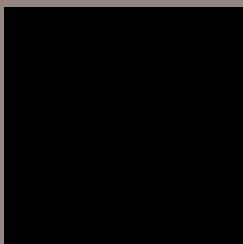
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

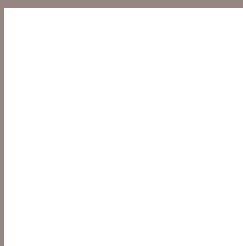
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1793, 24.9661, 24.6109

Background



This preview shows how black text looks on a background with the XYZ color 25.1793, 24.9661, 24.6109.



This preview shows how white text looks on a background with the XYZ color 25.1793, 24.9661,

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

25.1793, 24.9661, 24.6109

Protanopia

23.9535, 24.9370, 25.3806

Deuteranopia

25.4174, 24.8865, 24.5830



Tritanopia

26.1357, 24.9579, 29.0310

Trichromacy



Original Color

25.1793, 24.9661, 24.6109

Protanomaly

24.4378, 24.9864, 25.0076

Deuteranomaly

25.2294, 24.7896, 24.5742

Tritanomaly

25.7876, 25.0129, 27.5136

Monochromacy



Original Color

25.1793, 24.9661, 24.6109

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5050, 25.1972, 26.4937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1793, 24.9661, 24.6109 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(151, 133, 130)` looks like.

```
.text, #text, p{  
    color:rgb(151, 133, 130)  
}
```

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(151, 133, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 133, 130) }
```

Border

The CSS property to change the border of an element to XYZ 25.1793, 24.9661, 24.6109 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(151, 133, 130) }
```


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

```
.border{ border-color:rgb(151, 133, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 133, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 133, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 133, 130);  
box-shadow:4px 4px 4px 4px rgb(151, 133,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1793, 24.9661, 24.6109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 133, 130) }
```

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

```
.background{ background-color: rgb(151,  
133, 130) }
```

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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