

Converting Colors

XYZ(25.0662, 30.2249, 23.7632)

Have a look what the booklet for
XYZ(25.0662, 30.2249, 23.7632)
contains.

XYZ(25.1059, 30.1631, 23.9009)	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(25.1059, 30.1631,
23.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	849C7D
RGB	132, 156, 125
RGB Percent	52%, 61%, 49%
CMY	0.4823, 0.3882, 0.5098
CMYK	0.15, 0.00, 0.20, 0.39
HSL	106°, 14%, 55%
HSV	106°, 20%, 61%
XYZ	25.1059, 30.1631, 23.9009
YIQ	145.2900, -4.3530, -14.7290

Conversions

Conversions Part 2

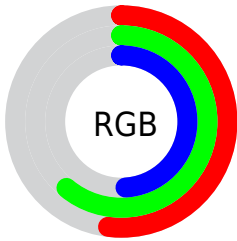
Format	Color
RYB	125, 156, 149
Decimal	8690813
CIELab	61.79, -14.51, 13.48
CIELCh	62, 19.808, 137.105
Yxy	30.1631, 0.3171, 0.3810
Android (android.graphics.Color)	4286880893 (0xFF849C7D)
YUV	145.2900, -10.0030, -11.6553
Hunter-Lab	54.9209, -14.5143, 12.6424

Details

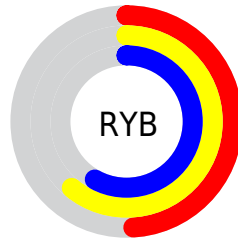
The XYZ color **25.1059, 30.1631, 23.9009** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.7299, 23.4579, 34.6257**, and the grayscale version is **27.0730, 28.4829, 31.0179**.

A 20% lighter version of the original color is **51.3377, 60.1172, 51.0175**, and **9.8358, 12.4188, 8.7161** is the 20% darker color. If you saturate the color by 10%, you get **22.4061, 28.8784, 18.9746**, and if you desaturate by 10%, it is **28.1826, 31.6257, 29.6632**.

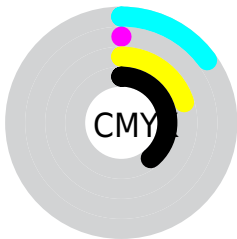
Distribution



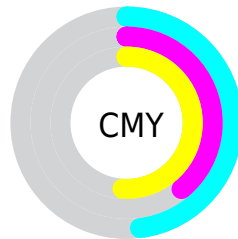
- Red (52%)
- Green (61%)
- Blue (49%)



- Red (49%)
- Yellow (61%)
- Blue (58%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (39%)



- Cyan (48%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1059, 30.1631, 23.9009 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 25.1059, 30.1631, 23.9009 by changing the saturation by 10% instead.

■ 25.1059, 30.1631,
23.9009

■ 25.1059, 30.1631,
23.9009

270.7028,
302.6640, 285.5895

■ 16.2851, 19.9624,
15.0486

■ 51.2706, 59.9200,
50.8102

■ 9.8183, 12.3677,
8.7065

■ 69.3453, 80.2450,
69.7044

■ 5.3400, 6.9946,
4.4561

■ 91.2353, 104.7136,
92.7828

■ 2.4849, 3.4587,
1.8787

117.3060,
133.7102, 120.4642

■ 0.8876, 1.3757,
0.4791

147.9227,
167.6191, 153.1670

■ 0.0000, 0.1987,
0.0000

183.4509,

■ 0.0000, 0.0000,

206.8248, 191.3098

0.0000

224.2558,
251.7116, 235.3111

■ 25.1059, 30.1631,
23.9009

■ 25.1059, 30.1631,
23.9009

■ 22.4061, 28.8784,
18.9746

■ 28.1826, 31.6257,
29.6632

■ 20.0660, 27.7611,
14.8437

■ 31.6477, 33.2688,
36.2958

■ 18.0708, 26.8052,
11.4669

■ 35.5150, 35.0997,
43.8334

■ 16.4035, 26.0030,
8.7988

■ 39.7973, 37.1241,
52.3082

■ 15.0457, 25.3461,
6.7886

■ 44.5063, 39.3476,
61.7510

■ 13.9771, 24.8253,
5.3792

■ 49.6537, 41.7754,
72.1909

■ 13.1745, 24.4301,
4.5035

■ 55.2505, 44.4127,
83.6560

■ 12.5961, 24.1425,
4.0018

■ 61.3073, 47.2643,
96.1732

■ 12.5898, 24.1393,
3.9958

■ 66.1134, 49.6466,
100.7059

Harmonies

Analogous

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



27.2007, 30.1631, 20.8064



25.1059, 30.1631, 23.9009



23.9964, 30.1631, 29.7012

Triad

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



25.1059, 30.1631, 23.9009



27.5502, 30.1631, 49.1654



33.8042, 30.1631, 28.7462

Complementary

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



25.1059, 30.1631, 23.9009



25.7299, 23.4579, 34.6257

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.



33.9121, 30.1631, 36.1978



25.1059, 30.1631, 23.9009



30.1895, 30.1631, 48.8043

Square

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



25.1059, 30.1631, 23.9009



25.3482, 30.1631, 44.6967



32.5545, 30.1631, 43.7751



32.2681, 30.1631, 23.2947

Rectangle

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



25.1059, 30.1631, 23.9009



23.9174, 30.1631, 34.6752



32.5545, 30.1631, 43.7751



34.0119, 30.1631, 31.0756

Sweetspot

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



25.1067, 30.1644, 23.9016



53.4635, 58.5196, 58.2075



28.1237, 29.9710, 23.7052



11.6843, 12.8389, 12.6555



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.



25.1067, 30.1644, 23.9016



43.2583, 53.6708, 39.1075



24.5989, 29.8390, 26.7507



6.6839, 7.4697, 7.0752



10.3957, 19.8959, 3.2924



0.2183, 0.3725, 0.0604

Inverse Universe

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



25.7299, 23.4579, 34.6257



44.6055, 39.1459, 62.3317



26.3692, 23.8656, 31.1243



6.7576, 6.6790, 8.3397



11.4428, 5.3280, 26.3325



0.2378, 0.1124, 0.4724

Previews

White Background



This preview shows how the XYZ color 25.1059, 30.1631, 23.9009 looks on a white background.

Color Contrast Check

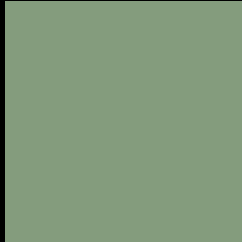
Large Text (above 18pt) WCAG AA × Fail

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 25.1059, 30.1631, 23.9009 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 ✓ Pass

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

XYZ 25.1059, 30.1631, 23.9009

Background



This preview shows how black text looks on a background with the XYZ color 25.1059, 30.1631, 23.9009.



This preview shows how white text looks on a background with the XYZ color 25.1059, 30.1631,

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

25.1059, 30.1631, 23.9009

Protanopia

28.2992, 30.1445, 22.4161

Deuteranopia

30.5133, 29.8614, 24.5777



Tritanopia

28.1587, 30.1808, 38.9917

Trichromacy



Original Color

25.1059, 30.1631, 23.9009

Protanomaly

27.1355, 30.2512, 22.8212

Deuteranomaly

28.3253, 29.8802, 24.3532

Tritanomaly

26.9694, 30.1866, 32.8389

Monochromacy



Original Color

25.1059, 30.1631, 23.9009

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.1501, 28.9053, 28.2458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1059, 30.1631, 23.9009 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(132, 156, 125)` looks like.

```
.text, #text, p{  
    color:rgb(132, 156, 125)  
}
```

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(132, 156, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 156, 125) }
```

Border

The CSS property to change the border of an element to XYZ 25.1059, 30.1631, 23.9009 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(132, 156, 125) }
```


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

```
.border{ border-color:rgb(132, 156, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 156, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 156, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 156, 125);  
box-shadow:4px 4px 4px 4px rgb(132, 156,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1059, 30.1631, 23.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 156, 125) }
```

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

```
.background{ background-color: rgb(132,  
156, 125) }
```

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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