

Converting Colors

XYZ(28.1641, 31.5869, 24.1426)

Have a look what the booklet for
XYZ(28.1641, 31.5869, 24.1426)
contains.

XYZ(28.0007, 31.4074, 23.9885)	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(28.0007, 31.4074,
23.9885)**

Conversions

Conversions Part 1

Format	Color
Hex	969B7D
RGB	150, 155, 125
RGB Percent	59%, 61%, 49%
CMY	0.4118, 0.3921, 0.5098
CMYK	0.03, 0.00, 0.19, 0.39
HSL	70°, 13%, 55%
HSV	70°, 19%, 61%
XYZ	28.0007, 31.4074, 23.9885
YIQ	150.0850, 6.6500, -10.3900

Conversions

Conversions Part 2

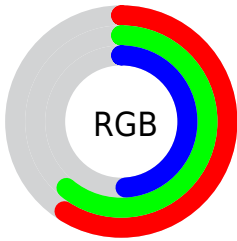
Format	Color
RYB	125, 155, 130
Decimal	9870205
CIELab	62.85, -7.18, 15.15
CIElCh	63, 16.768, 115.337
Yxy	31.4074, 0.3358, 0.3766
Android (android.graphics.Color)	4288060285 (0xFF969B7D)
YUV	150.0850, -12.3669, -0.0745
Hunter-Lab	56.0423, -8.8892, 13.8510

Details

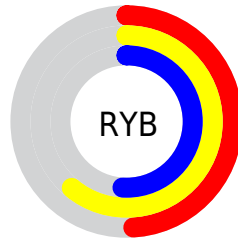
The XYZ color **28.0007, 31.4074, 23.9885** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.4572, 21.7805, 34.0325**, and the grayscale version is **29.0751, 30.5892, 33.3117**.

A 20% lighter version of the original color is **55.7382, 61.6527, 51.0819**, and **11.4004, 13.0751, 8.7604** is the 20% darker color. If you saturate the color by 10%, you get **26.6166, 30.8005, 19.1521**, and if you desaturate by 10%, it is **29.5515, 32.0843, 29.6407**.

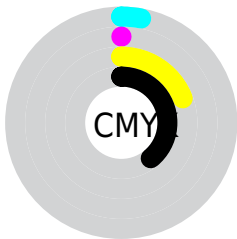
Distribution



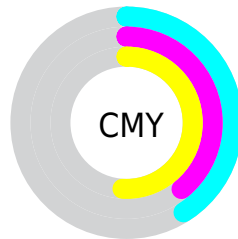
- Red (59%)
- Green (61%)
- Blue (49%)



- Red (49%)
- Yellow (61%)
- Blue (51%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (39%)



- Cyan (41%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0007, 31.4074, 23.9885 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 28.0007, 31.4074, 23.9885 by changing the saturation by 10% instead.

■ 28.0007, 31.4074,
23.9885

■ 28.0007, 31.4074,
23.9885

284.5503,
308.4108, 286.0470

■ 18.4666, 20.9093,
15.1130

■ 55.8942, 61.8809,
50.9550

■ 11.3872, 13.0577,
8.7512

■ 74.9843, 82.6251,
69.8831

■ 6.3971, 7.4683,
4.4847

■ 97.9906, 107.5534,
92.9991

■ 3.1310, 3.7567,
1.8948

125.2782,
137.0502, 120.7216

■ 1.2234, 1.5384,
0.4894

157.2127,
171.5000, 153.4691

■ 0.1247, 0.3155,
0.0000

194.1593,

■ 0.0000, 0.0000,

211.2871, 191.6601

0.0000

236.4833,
256.7959, 235.7133

■ 28.0007, 31.4074,
23.9885

■ 28.0007, 31.4074,
23.9885

■ 26.6166, 30.8005,
19.1521

■ 29.5515, 32.0843,
29.6407

■ 25.3896, 30.2565,
15.0917

■ 31.2732, 32.8298,
36.1420

■ 24.3127, 29.7738,
11.7676

■ 33.1732, 33.6478,
43.5260

■ 23.3773, 29.3489,
9.1354

■ 35.2573, 34.5407,
51.8241

■ 22.5742, 28.9781,
7.1460

■ 37.5314, 35.5108,
61.0663

■ 21.8926, 28.6570,
5.7439

■ 40.0008, 36.5603,
71.2808

■ 21.3203, 28.3809,
4.8643

■ 42.6709, 37.6913,
82.4951

■ 20.8295, 28.1385,
4.3621

■ 45.5466, 38.9059,
94.7353

■ 20.7987, 28.1232,
4.3321

■ 47.0643, 39.5785,
99.7666

Harmonies

Analogous

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



30.2124, 31.4074, 23.0726



28.0007, 31.4074, 23.9885



26.3632, 31.4074, 27.4937

Triad

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



28.0007, 31.4074, 23.9885



27.4088, 31.4074, 45.6964



34.4755, 31.4074, 35.2364

Complementary

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



28.0007, 31.4074, 23.9885



22.4572, 21.7805, 34.0325

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.



33.6353, 31.4074, 41.9106



28.0007, 31.4074, 23.9885



29.4940, 31.4074, 48.4228

Square

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



28.0007, 31.4074, 23.9885



26.0340, 31.4074, 39.9031



31.7827, 31.4074, 46.9558



34.0257, 31.4074, 29.0632

Rectangle

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



28.0007, 31.4074, 23.9885



25.7782, 31.4074, 31.0932



31.7827, 31.4074, 46.9558



34.3334, 31.4074, 37.5014

Sweetspot

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



28.0015, 31.4088, 23.9892



53.8851, 57.8749, 56.6819



25.2030, 24.4154, 22.7868



12.1561, 13.0821, 12.6775



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.



28.0015, 31.4088, 23.9892



49.0950, 55.7866, 39.2420



25.4158, 30.0758, 23.8682



6.6078, 7.1708, 6.6417



16.7321, 22.6016, 3.4807



0.2738, 0.3501, 0.0531

Inverse Universe

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



22.4572, 21.7805, 34.0325



37.4086, 35.4898, 60.4149



24.9281, 23.0543, 34.1482



5.9757, 6.0734, 7.7863



5.1144, 2.0876, 25.0411



0.0977, 0.0421, 0.3754

Previews

White Background



This preview shows how the XYZ color 28.0007, 31.4074, 23.9885 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 28.0007, 31.4074, 23.9885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

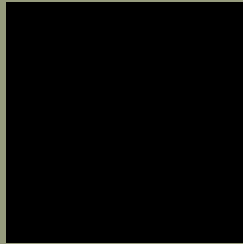
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.0007, 31.4074, 23.9885

Background



This preview shows how black text looks on a background with the XYZ color 28.0007, 31.4074, 23.9885.



This preview shows how white text looks on a background with the XYZ color 28.0007, 31.4074,

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

28.0007, 31.4074, 23.9885

Protanopia

29.5013, 31.4636, 23.2571

Deuteranopia

31.7888, 31.2040, 24.4262



Tritanopia

30.9455, 31.3899, 38.6103

Trichromacy



Original Color

28.0007, 31.4074, 23.9885

Protanomaly

28.9340, 31.4058, 23.6057

Deuteranomaly

30.2392, 31.1082, 24.1494

Tritanomaly

29.7899, 31.3987, 32.9242

Monochromacy



Original Color

28.0007, 31.4074, 23.9885

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.6136, 30.8636, 29.6485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0007, 31.4074, 23.9885 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, 155, 125)` looks like.

```
.text, #text, p{  
    color:rgb(150, 155, 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(150, 155, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 155, 125) }
```

Border

The CSS property to change the border of an element to XYZ 28.0007, 31.4074, 23.9885 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, 155, 125) }
```


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

```
.border{ border-color:rgb(150, 155, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 155, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 155, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 155, 125);  
box-shadow:4px 4px 4px 4px rgb(150, 155,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0007, 31.4074, 23.9885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 155, 125) }
```

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

```
.background{ background-color: rgb(150,  
155, 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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