

Converting Colors

XYZ(28.7661, 31.5690, 24.1168)

Have a look what the booklet for
XYZ(28.7661, 31.5690, 24.1168)
contains.

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Color

**XYZ(28.7748, 31.5604,
23.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9A7D
RGB	155, 154, 125
RGB Percent	61%, 60%, 49%
CMY	0.3922, 0.3961, 0.5098
CMYK	0.00, 0.01, 0.19, 0.39
HSL	58°, 13%, 55%
HSV	58°, 19%, 61%
XYZ	28.7748, 31.5604, 23.9772
YIQ	150.9930, 9.9050, -8.8070

Conversions

Conversions Part 2

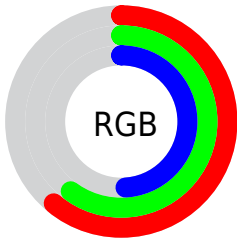
Format	Color
RYB	126, 155, 125
Decimal	10197629
CIELab	62.98, -4.69, 15.39
CIELCh	63, 16.092, 106.939
Yxy	31.5604, 0.3413, 0.3743
Android (android.graphics.Color)	4288387709 (0xFF9B9A7D)
YUV	150.9930, -12.8145, 3.5141
Hunter-Lab	56.1786, -6.8846, 14.0199

Details

The XYZ color **28.7748, 31.5604, 23.9772** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.8346, 21.6477, 34.0381**, and the grayscale version is **29.4632, 30.9976, 33.7564**.

A 20% lighter version of the original color is **57.1701, 62.0277, 51.0788**, and **11.8637, 13.1654, 8.7534** is the 20% darker color. If you saturate the color by 10%, you get **27.7765, 31.0265, 19.1346**, and if you desaturate by 10%, it is **29.9297, 32.1597, 29.6352**.

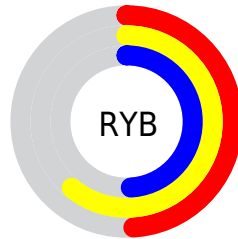
Distribution



Red (61%)

Green (60%)

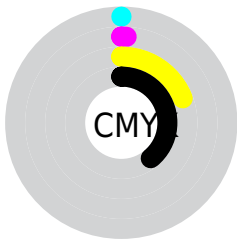
Blue (49%)



Red (49%)

Yellow (61%)

Blue (49%)

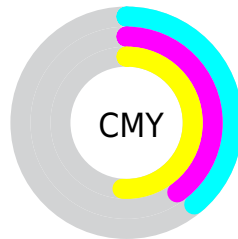


Cyan (0%)

Magenta (1%)

Yellow (19%)

Black (39%)



Cyan (39%)

Magenta (40%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7748, 31.5604, 23.9772 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 28.7748, 31.5604, 23.9772 by changing the saturation by 10% instead.

■ 28.7748, 31.5604,
23.9772

■ 28.7748, 31.5604,
23.9772

288.1643,
309.1118, 285.9880

■ 19.0540, 21.0259,
15.1047

■ 57.1191, 62.1213,
50.9364

■ 11.8135, 13.1430,
8.7454

■ 76.4733, 82.9165,
69.8601

■ 6.6881, 7.5271,
4.4810

■ 99.7694, 107.9008,
92.9712

■ 3.3124, 3.7939,
1.8927

127.3726,
137.4586, 120.6884

■ 1.3210, 1.5589,
0.4881

159.6483,
171.9741, 153.4301

■ 0.1989, 0.3297,
0.0000

196.9619,

■ 0.0000, 0.0000,

211.8319, 191.6150

0.0000

239.6788,
257.4164, 235.6614

■ 28.7748, 31.5604,
23.9772

■ 28.7748, 31.5604,
23.9772

■ 27.7765, 31.0265,
19.1346

■ 29.9297, 32.1597,
29.6352

■ 26.9251, 30.5508,
15.0678

■ 31.2454, 32.8228,
36.1417

■ 26.2138, 30.1318,
11.7367

■ 32.7290, 33.5536,
43.5306

■ 25.6341, 29.7661,
9.0972

■ 34.3865, 34.3546,
51.8332

■ 25.1768, 29.4498,
7.1001

■ 36.2234, 35.2280,
61.0794

■ 24.8313, 29.1788,
5.6899

■ 38.2454, 36.1759,
71.2976

■ 24.5853, 28.9482,
4.8019

■ 40.4574, 37.2005,
82.5150

■ 24.4112, 28.7470,
4.2909

■ 42.8645, 38.3037,
94.7579

■ 24.4004, 28.7342,
4.2602

■ 43.9034, 38.8602,
99.7945

Harmonies

Analogous

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



30.9689, 31.5604, 23.8097



28.7748, 31.5604, 23.9772



26.9952, 31.5604, 26.6986

Triad

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



28.7748, 31.5604, 23.9772



27.1854, 31.5604, 44.0559



34.3349, 31.5604, 37.1914

Complementary

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



28.7748, 31.5604, 23.9772



21.8346, 21.6477, 34.0381

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.



33.2139, 31.5604, 43.3716



28.7748, 31.5604, 23.9772



29.0461, 31.5604, 47.6506

Square

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



28.7748, 31.5604, 23.9772



26.1090, 31.5604, 38.0371



31.2538, 31.5604, 47.3858



34.2535, 31.5604, 30.9352

Rectangle

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



28.7748, 31.5604, 23.9772



26.2509, 31.5604, 29.8091



31.2538, 31.5604, 47.3858



34.0840, 31.5604, 39.3606

Sweetspot

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



28.7756, 31.5618, 23.9779



54.3313, 57.9658, 56.6759



24.6174, 23.1425, 22.9086



12.2668, 13.1047, 12.6761



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.



28.7756, 31.5618, 23.9779



50.7685, 56.1179, 39.2177



26.4078, 30.5863, 23.9144



6.6913, 7.1877, 6.6405



19.6042, 23.0908, 3.4237



0.2978, 0.3546, 0.0528

Inverse Universe

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



21.8346, 21.6477, 34.0381



36.1343, 35.2158, 60.4291



23.8978, 22.5232, 34.0983



5.9001, 6.0576, 7.7872



4.8026, 2.0019, 25.0410



0.0756, 0.0376, 0.3756

Previews

White Background



This preview shows how the XYZ color 28.7748, 31.5604, 23.9772 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 28.7748, 31.5604, 23.9772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

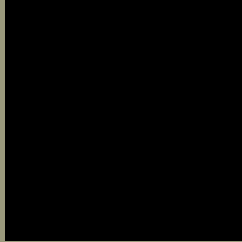
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.7748, 31.5604, 23.9772

Background



This preview shows how black text looks on a background with the XYZ color 28.7748, 31.5604, 23.9772.



This preview shows how white text looks on a background with the XYZ color 28.7748, 31.5604,

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

28.7748, 31.5604, 23.9772

Protanopia

29.5643, 31.4888, 23.5885

Deuteranopia

32.0141, 31.3202, 24.4367



Tritanopia

31.6777, 31.5417, 38.1368

Trichromacy



Original Color

28.7748, 31.5604, 23.9772

Protanomaly

29.3274, 31.6086, 23.6241

Deuteranomaly

30.6618, 31.3261, 24.1692

Tritanomaly

30.5125, 31.5404, 32.4967

Monochromacy



Original Color

28.7748, 31.5604, 23.9772

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.0596, 31.0849, 30.0596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7748, 31.5604, 23.9772 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(155, 154, 125)` looks like.

```
.text, #text, p{  
    color:rgb(155, 154, 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(155, 154, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 154, 125) }
```

Border

The CSS property to change the border of an element to XYZ 28.7748, 31.5604, 23.9772 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(155, 154, 125) }
```


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

```
.border{ border-color:rgb(155, 154, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 154, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 154, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 154, 125);  
box-shadow:4px 4px 4px 4px rgb(155, 154,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7748, 31.5604, 23.9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 154, 125) }
```

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

```
.background{ background-color: rgb(155,  
154, 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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