

Converting Colors

XYZ(28.7534, 24.9024, 23.0298)

Have a look what the booklet for
XYZ(28.7534, 24.9024, 23.0298)
contains.

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Color

**XYZ(28.7534, 24.9024,
23.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	B07B7E
RGB	176, 123, 126
RGB Percent	69%, 48%, 49%
CMY	0.3098, 0.5176, 0.5059
CMYK	0.00, 0.30, 0.28, 0.31
HSL	357°, 25%, 59%
HSV	357°, 30%, 69%
XYZ	28.7534, 24.9024, 23.0298
YIQ	139.1890, 30.6250, 12.1690

Conversions

Conversions Part 2

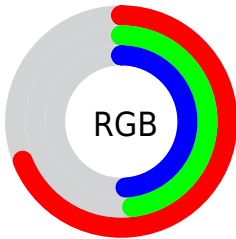
Format	Color
RYB	176, 123, 126
Decimal	11565950
CIELab	56.98, 21.08, 6.67
CIELCh	57, 22.109, 17.546
Yxy	24.9024, 0.3750, 0.3247
Android (android.graphics.Color)	4289756030 (0xFFB07B7E)
YUV	139.1890, -6.5022, 32.2832
Hunter-Lab	49.9023, 15.5216, 7.5694

Details

The XYZ color **28.7534, 24.9024, 23.0298** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.2377, 38.2794, 45.2796**, and the grayscale version is **24.6300, 25.9127, 28.2189**.

A 20% lighter version of the original color is **57.2663, 51.6290, 49.5950**, and **11.8144, 9.5710, 8.2459** is the 20% darker color. If you saturate the color by 10%, you get **25.7792, 20.5286, 17.1837**, and if you desaturate by 10%, it is **32.2994, 30.1347, 29.9445**.

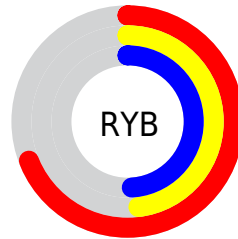
Distribution



Red (69%)

Green (48%)

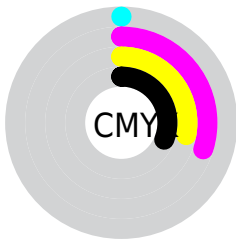
Blue (49%)



Red (69%)

Yellow (48%)

Blue (49%)

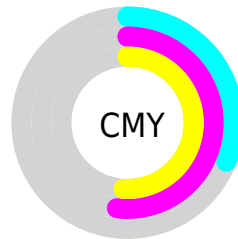


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (31%)



Cyan (31%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7534, 24.9024, 23.0298 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 28.7534, 24.9024, 23.0298 by changing the saturation by 10% instead.

■ 28.7534, 24.9024,
23.0298

■ 28.7534, 24.9024,
23.0298

288.0649,
277.3515, 281.0049

■ 19.0377, 16.0044,
14.4100

■ 57.0853, 51.4988,
49.3661

■ 11.8017, 9.5272,
8.2644

■ 76.4323, 69.9660,
67.9196

■ 6.6800, 5.0866,
4.1744

■ 99.7203, 92.3917,
90.6215

■ 3.3073, 2.2982,
1.7215

127.3149,
119.1603, 117.8903

■ 1.3183, 0.7728,
0.3754

159.5812,
150.6562, 150.1445

■ 0.1969, 0.0000,
0.0000

196.8848,

■ 0.0000, 0.0000,

187.2638, 187.8026

0.0000

239.5909,
229.3674, 231.2832

■ 28.7534, 24.9024,
23.0298

■ 28.7534, 24.9024,
23.0298

■ 25.7792, 20.5286,
17.1837

■ 32.2994, 30.1347,
29.9445

■ 23.3448, 16.9642,
12.3514

■ 36.4427, 36.2643,
37.9758

■ 21.4186, 14.1605,
8.4758

■ 41.2099, 43.3316,
47.1706

■ 19.9643, 12.0623,
5.4931

■ 46.6253, 51.3737,
57.5726

■ 18.9414, 10.6067,
3.3322

■ 52.7119, 60.4258,
69.2234

■ 18.3020, 9.7200,
1.9107

■ 59.4915, 70.5211,
82.1624

■ 17.9591, 9.2520,
1.1250

■ 66.9852, 81.6914,
96.4276

■ 71.7146, 87.9702,
107.8079

Harmonies

Analogous

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



28.8843, 24.9024, 30.3150



28.7534, 24.9024, 23.0298



27.2000, 24.9024, 17.8770

Triad

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



28.7534, 24.9024, 23.0298



20.1744, 24.9024, 18.5659



22.6090, 24.9024, 43.6024

Complementary

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



28.7534, 24.9024, 23.0298



31.2377, 38.2794, 45.2796

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.



20.4576, 24.9024, 39.0862



28.7534, 24.9024, 23.0298



19.1226, 24.9024, 24.1475

Square

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



28.7534, 24.9024, 23.0298



22.1961, 24.9024, 15.6423



19.2223, 24.9024, 31.6557



25.2056, 24.9024, 43.1528

Rectangle

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



28.7534, 24.9024, 23.0298



25.6267, 24.9024, 15.9342



19.2223, 24.9024, 31.6557



21.8136, 24.9024, 42.5848

Sweetspot

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



28.7541, 24.9036, 23.0303



66.8698, 66.9191, 70.3734



32.0361, 26.1253, 44.4288



14.2415, 14.1318, 14.7673



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.7541, 24.9036, 23.0303



48.5187, 39.8228, 34.6428



31.7542, 31.2087, 23.0906



8.5152, 8.5128, 8.9455



13.1843, 6.7913, 0.8644



0.4212, 0.2162, 0.0609

Inverse Universe

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



28.7541, 24.9036, 23.0303



48.5187, 39.8228, 34.6428



27.4026, 30.1400, 45.4479



8.5152, 8.5128, 8.9455



13.1843, 6.7913, 0.8644



0.4212, 0.2162, 0.0609

Previews

White Background



This preview shows how the XYZ color 28.7534, 24.9024, 23.0298 looks on a white background.

Color Contrast Check

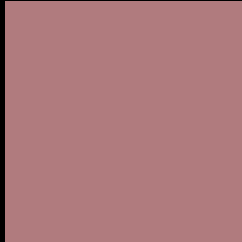
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7534, 24.9024, 23.0298 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 28.7534, 24.9024, 23.0298

Background



This preview shows how black text looks on a background with the XYZ color 28.7534, 24.9024, 23.0298.



This preview shows how white text looks on a background with the XYZ color 28.7534, 24.9024,

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

28.7534, 24.9024, 23.0298

Protanopia

23.8530, 24.8772, 25.7349

Deuteranopia

25.4069, 24.9263, 22.5410



Tritanopia

29.1877, 24.9049, 24.7415

Trichromacy



Original Color

28.7534, 24.9024, 23.0298

Protanomaly

25.2824, 24.6166, 24.5380

Deuteranomaly

26.6562, 24.9677, 22.8164

Tritanomaly

29.0534, 24.8512, 24.0343

Monochromacy



Original Color

28.7534, 24.9024, 23.0298

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.6395, 25.1717, 26.0615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7534, 24.9024, 23.0298 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(176, 123, 126)` looks like.

```
.text, #text, p{  
    color:rgb(176, 123, 126)  
}
```

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(176, 123, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 123, 126) }
```

Border

The CSS property to change the border of an element to XYZ 28.7534, 24.9024, 23.0298 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(176, 123, 126) }
```


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

```
.border{ border-color:rgb(176, 123, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 123, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 123, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 123, 126);  
box-shadow:4px 4px 4px 4px rgb(176, 123,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7534, 24.9024, 23.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 123, 126) }
```

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

```
.background{ background-color: rgb(176,  
123, 126) }
```

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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