

Converting Colors

XYZ(26.8716, 23.4664, 26.4591)

Have a look what the booklet for
XYZ(26.8716, 23.4664, 26.4591)
contains.

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Color

**XYZ(26.7984, 23.4517,
26.4067)**

Conversions

Conversions Part 1

Format	Color
Hex	A57988
RGB	165, 121, 136
RGB Percent	65%, 47%, 53%
CMY	0.3529, 0.5255, 0.4667
CMYK	0.00, 0.27, 0.18, 0.35
HSL	340°, 20%, 56%
HSV	340°, 27%, 65%
XYZ	26.7984, 23.4517, 26.4067
YIQ	135.8660, 21.4090, 13.9930

Conversions

Conversions Part 2

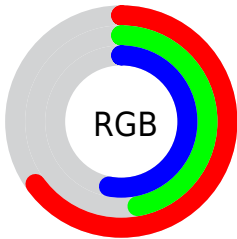
Format	Color
RYB	165, 121, 136
Decimal	10844552
CIELab	55.53, 19.53, -1.39
CIELCh	56, 19.574, 355.934
Yxy	23.4517, 0.3496, 0.3059
Android (android.graphics.Color)	4289034632 (0xFFA57988)
YUV	135.8660, 0.0661, 25.5505
Hunter-Lab	48.4270, 14.0308, 1.5687

Details

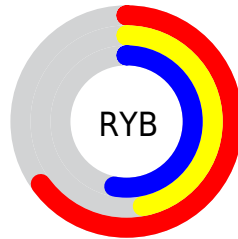
The XYZ color **26.7984, 23.4517, 26.4067** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.8464, 33.1779, 33.8450**, and the grayscale version is **23.3464, 24.5622, 26.7482**.

A 20% lighter version of the original color is **54.1402, 49.3184, 54.8100**, and **10.6792, 8.7514, 9.9304** is the 20% darker color. If you saturate the color by 10%, you get **24.2281, 19.4857, 21.9280**, and if you desaturate by 10%, it is **29.7915, 28.1372, 31.4139**.

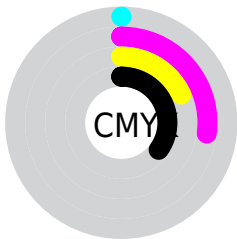
Distribution



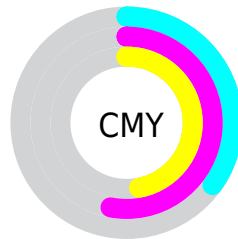
- Red (65%)
- Green (47%)
- Blue (53%)



- Red (65%)
- Yellow (47%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (18%)
- Black (35%)



- Cyan (35%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7984, 23.4517, 26.4067 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 26.7984, 23.4517, 26.4067 by changing the saturation by 10% instead.

■ 26.7984, 23.4517,
26.4067

■ 26.7984, 23.4517,
26.4067

278.8651,
270.0366, 298.4416

■ 17.5577, 14.9274,
16.8997

■ 53.9824, 49.1340,
54.9224

■ 10.7307, 8.7684,
10.0018

■ 72.6563, 67.0607,
74.7682

■ 5.9520, 4.5905,
5.2945

■ 95.2054, 88.8904,
98.8973

■ 2.8563, 2.0090,
2.3593

121.9950,
115.0074, 127.7283

■ 1.0782, 0.6127,
0.7642

153.3903,
145.7961, 161.6797

■ 0.0068, 0.0000,
0.0000

189.7569,

■ 0.0000, 0.0000,

181.6410, 201.1700

0.0000

231.4600,
222.9263, 246.6178

■ 26.7984, 23.4517,
26.4067

■ 26.7984, 23.4517,
26.4067

■ 24.2281, 19.4857,
21.9280

■ 29.7915, 28.1372,
31.4139

■ 22.0587, 16.2001,
17.9583

■ 33.2238, 33.5722,
36.9652

■ 20.2696, 13.5570,
14.4788

■ 37.1133, 39.7890,
43.0775

■ 18.8371, 11.5136,
11.4690

■ 41.4763, 46.8171,
49.7663

■ 17.7351, 10.0215,
8.9069

■ 46.3284, 54.6844,
57.0468

■ 16.9333, 9.0250,
6.7680

■ 51.6844, 63.4174,
64.9332

■ 16.3891, 8.4437,
5.0229

■ 57.5585, 73.0415,
73.4395

■ 16.2369, 8.2873,
4.5162

■ 63.9644, 83.5811,
82.5792

■ 66.1118, 85.4533,
90.7642

Harmonies

Analogous

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



25.9950, 23.4517, 32.9684



26.7984, 23.4517, 26.4067



26.3299, 23.4517, 20.5784

Triad

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



26.7984, 23.4517, 26.4067



20.4846, 23.4517, 16.0877



19.9958, 23.4517, 36.9885

Complementary

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



26.7984, 23.4517, 26.4067



26.8464, 33.1779, 33.8450

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.



18.6863, 23.4517, 31.2295



26.7984, 23.4517, 26.4067



18.9552, 23.4517, 19.3122

Square

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



26.7984, 23.4517, 26.4067



22.5925, 23.4517, 15.2263



18.3182, 23.4517, 24.6825



21.9905, 23.4517, 39.6832

Rectangle

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



26.7984, 23.4517, 26.4067



25.3749, 23.4517, 17.7574



18.3182, 23.4517, 24.6825



19.4661, 23.4517, 35.3048

Sweetspot

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



26.7991, 23.4528, 26.4072



58.5389, 58.5951, 64.6652



26.1340, 22.8387, 38.6285



12.5962, 12.4900, 13.8138



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.7991, 23.4528, 26.4072



45.1792, 37.6434, 42.4305



26.6362, 24.7151, 21.4571



7.1688, 7.1240, 7.8751



12.3047, 6.2780, 3.5295



0.2800, 0.1405, 0.1871

Inverse Universe

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



26.7991, 23.4528, 26.4072



45.1792, 37.6434, 42.4305



26.9728, 31.3727, 40.2316



7.1688, 7.1240, 7.8751



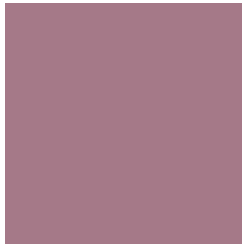
12.3047, 6.2780, 3.5295



0.2800, 0.1405, 0.1871

Previews

White Background



This preview shows how the XYZ color 26.7984, 23.4517, 26.4067 looks on a white background.

Color Contrast Check

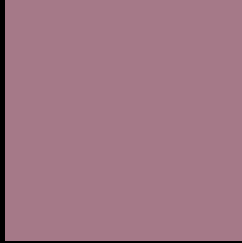
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7984, 23.4517, 26.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

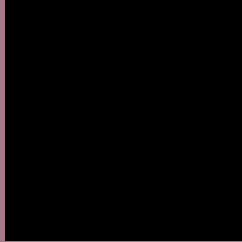
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7984, 23.4517, 26.4067

Background



This preview shows how black text looks on a background with the XYZ color 26.7984, 23.4517, 26.4067.



This preview shows how white text looks on a background with the XYZ color 26.7984, 23.4517,

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

26.7984, 23.4517, 26.4067

Protanopia

22.8821, 23.4722, 29.3112

Deuteranopia

24.0074, 23.5327, 25.8312



Tritanopia

26.3661, 23.4503, 24.6094

Trichromacy



Original Color

26.7984, 23.4517, 26.4067

Protanomaly

24.1298, 23.3515, 28.0465

Deuteranomaly

24.9709, 23.4433, 26.1306

Tritanomaly

26.5030, 23.5050, 25.3304

Monochromacy



Original Color

26.7984, 23.4517, 26.4067

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.5929, 24.2132, 26.6700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7984, 23.4517, 26.4067 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(165, 121, 136)` looks like.

```
.text, #text, p{  
    color:rgb(165, 121, 136)  
}
```

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(165, 121, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 121, 136) }
```

Border

The CSS property to change the border of an element to XYZ 26.7984, 23.4517, 26.4067 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(165, 121, 136) }
```


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

```
.border{ border-color:rgb(165, 121, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 121, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 121, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 121, 136);  
box-shadow:4px 4px 4px 4px rgb(165, 121,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7984, 23.4517, 26.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 121, 136) }
```

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

```
.background{ background-color: rgb(165,  
121, 136) }
```

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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