

Converting Colors

XYZ(26.8134, 30.1043, 23.8873)

Have a look what the booklet for
XYZ(26.8134, 30.1043, 23.8873)
contains.

XYZ(26.7840, 30.0481, 23.7902)	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(26.7840, 30.0481,
23.7902)**

Conversions

Conversions Part 1

Format	Color
Hex	92987D
RGB	146, 152, 125
RGB Percent	57%, 60%, 49%
CMY	0.4274, 0.4039, 0.5098
CMYK	0.04, 0.00, 0.18, 0.40
HSL	73°, 12%, 54%
HSV	73°, 18%, 60%
XYZ	26.7840, 30.0481, 23.7902
YIQ	147.1280, 5.0910, -9.6690

Conversions

Conversions Part 2

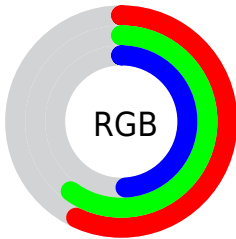
Format	Color
RYB	125, 152, 131
Decimal	9607293
CIELab	61.70, -7.09, 13.50
CIElCh	62, 15.247, 117.712
Yxy	30.0481, 0.3322, 0.3727
Android (android.graphics.Color)	4287797373 (0xFF92987D)
YUV	147.1280, -10.9091, -0.9893
Hunter-Lab	54.8161, -8.7105, 12.6395

Details

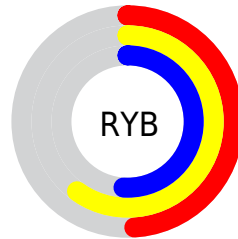
The XYZ color **26.7840, 30.0481, 23.7902** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.3622, 21.7603, 32.7288**, and the grayscale version is **27.8290, 29.2783, 31.8841**.

A 20% lighter version of the original color is **53.9266, 59.6363, 50.7882**, and **10.6775, 12.2621, 8.6415** is the 20% darker color. If you saturate the color by 10%, you get **25.2948, 29.3850, 19.0338**, and if you desaturate by 10%, it is **28.4412, 30.7824, 29.3315**.

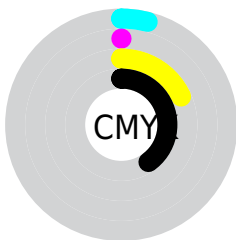
Distribution



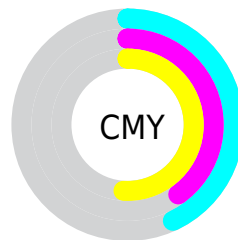
- Red (57%)
- Green (60%)
- Blue (49%)



- Red (49%)
- Yellow (60%)
- Blue (51%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (43%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7840, 30.0481, 23.7902 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 26.7840, 30.0481, 23.7902 by changing the saturation by 10% instead.

■ 26.7840, 30.0481,
23.7902

■ 26.7840, 30.0481,
23.7902

278.7964,
302.1286, 285.0104

■ 17.5468, 19.8751,
14.9673

■ 53.9594, 59.7382,
50.6272

■ 10.7228, 12.3043,
8.6501

■ 72.6283, 80.0242,
69.4783

■ 5.9467, 6.9513,
4.4200

■ 95.1719, 104.4499,
92.5093

■ 2.8530, 3.4316,
1.8584

121.9554,
133.3997, 120.1386

■ 1.0765, 1.3610,
0.4661

153.3443,
167.2581, 152.7848

■ 0.0053, 0.1877,
0.0000

189.7038,

■ 0.0000, 0.0000,

206.4095, 190.8665

0.0000

231.3994,
251.2382, 234.8022

■ 26.7840, 30.0481,
23.7902

■ 26.7840, 30.0481,
23.7902

■ 25.2948, 29.3850,
19.0338

■ 28.4412, 30.7824,
29.3315

■ 23.9643, 28.7865,
15.0248

■ 30.2705, 31.5866,
35.6890

■ 22.7860, 28.2508,
11.7257

■ 32.2787, 32.4645,
42.8946

■ 21.7516, 27.7748,
9.0950

■ 34.4716, 33.4183,
50.9780

■ 20.8525, 27.3548,
7.0866

■ 36.8548, 34.4504,
59.9673

■ 20.0786, 26.9868,
5.6489

■ 39.4334, 35.5628,
69.8896

■ 19.4183, 26.6663,
4.7219

■ 42.2126, 36.7576,
80.7707

■ 18.8509, 26.3848,
4.1968

■ 45.1972, 38.0366,
92.6353

■ 18.7290, 26.3241,
4.0939

■ 47.2767, 38.9559,
99.6352

Harmonies

Analogous

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



28.7159, 30.0481, 22.7760



26.7840, 30.0481, 23.7902



25.3875, 30.0481, 27.1051

Triad

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



26.7840, 30.0481, 23.7902



26.5264, 30.0481, 43.0992



32.6375, 30.0481, 33.1654

Complementary

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



26.7840, 30.0481, 23.7902



22.3622, 21.7603, 32.7288

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.



31.9860, 30.0481, 39.0551



26.7840, 30.0481, 23.7902



28.4043, 30.0481, 45.1976

Square

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



26.7840, 30.0481, 23.7902



25.2438, 30.0481, 38.1921



30.4124, 30.0481, 43.6375



32.1542, 30.0481, 27.7924

Rectangle

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



26.7840, 30.0481, 23.7902



24.9154, 30.0481, 30.3967



30.4124, 30.0481, 43.6375



32.5433, 30.0481, 35.1530

Sweetspot

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



26.7848, 30.0494, 23.7908



51.0298, 54.6973, 54.6198



24.7477, 24.3492, 22.7980



11.5522, 12.4116, 12.2553



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.7848, 30.0494, 23.7908



46.2837, 52.5964, 38.7744



24.5486, 28.8966, 23.6862



6.5745, 7.1536, 6.6401



15.7302, 22.0851, 3.4338



0.2649, 0.3455, 0.0527

Inverse Universe

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



22.3622, 21.7603, 32.7288



37.1127, 35.4056, 57.3116



24.5649, 22.8958, 32.8319



6.0066, 6.0893, 7.7877



5.3225, 2.1949, 25.0508



0.1065, 0.0467, 0.3758

Previews

White Background



This preview shows how the XYZ color 26.7840, 30.0481, 23.7902 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 26.7840, 30.0481, 23.7902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

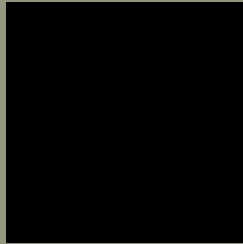
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.7840, 30.0481, 23.7902

Background



This preview shows how black text looks on a background with the XYZ color 26.7840, 30.0481, 23.7902.



This preview shows how white text looks on a background with the XYZ color 26.7840, 30.0481,

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

26.7840, 30.0481, 23.7902

Protanopia

28.2272, 30.0931, 23.0597

Deuteranopia

30.4478, 29.8352, 24.2327



Tritanopia

29.4542, 29.9499, 37.0294

Trichromacy



Original Color

26.7840, 30.0481, 23.7902

Protanomaly

27.6813, 30.0402, 23.4082

Deuteranomaly

28.9451, 29.7455, 23.9546

Tritanomaly

28.4083, 29.9910, 31.8953

Monochromacy



Original Color

26.7840, 30.0481, 23.7902

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4403, 29.5620, 28.6859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7840, 30.0481, 23.7902 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(146, 152, 125) looks like.

```
.text, #text, p{  
    color:rgb(146, 152, 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(146, 152, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 152, 125) }
```

Border

The CSS property to change the border of an element to XYZ 26.7840, 30.0481, 23.7902 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(146, 152, 125) }
```


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

```
.border{ border-color:rgb(146, 152, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 152, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 152, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 152, 125);  
box-shadow:4px 4px 4px 4px rgb(146, 152,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7840, 30.0481, 23.7902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 152, 125) }
```

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

```
.background{ background-color: rgb(146,  
152, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor