

Converting Colors

XYZ(25.8747, 30.6946, 23.6731)

Have a look what the booklet for
XYZ(25.8747, 30.6946, 23.6731)
contains.

XYZ(26.0116, 30.8875, 23.6597)	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(26.0116, 30.8875,
23.6597)**

Conversions

Conversions Part 1

Format	Color
Hex	899D7C
RGB	137, 157, 124
RGB Percent	54%, 62%, 49%
CMY	0.4627, 0.3843, 0.5137
CMYK	0.13, 0.00, 0.21, 0.38
HSL	96°, 14%, 55%
HSV	96°, 21%, 62%
XYZ	26.0116, 30.8875, 23.6597
YIQ	147.2580, -1.3270, -14.5030

Conversions

Conversions Part 2

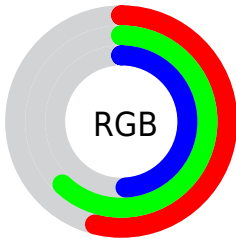
Format	Color
RYB	124, 157, 144
Decimal	9018748
CIELab	62.41, -13.36, 14.95
CIELCh	62, 20.055, 131.780
Yxy	30.8875, 0.3229, 0.3834
Android (android.graphics.Color)	4287208828 (0xFF899D7C)
YUV	147.2580, -11.4662, -8.9963
Hunter-Lab	55.5765, -13.7152, 13.6630

Details

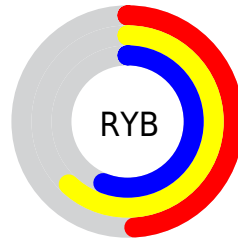
The XYZ color **26.0116, 30.8875, 23.6597** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.7962, 22.7797, 34.9899**, and the grayscale version is **27.8870, 29.3393, 31.9505**.

A 20% lighter version of the original color is **52.9652, 61.3377, 50.6428**, and **10.3545, 12.8423, 8.5897** is the 20% darker color. If you saturate the color by 10%, you get **23.6052, 29.7536, 18.7704**, and if you desaturate by 10%, it is **28.7154, 32.1583, 29.3895**.

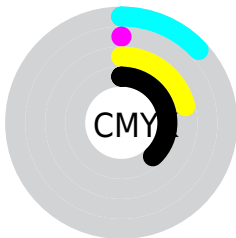
Distribution



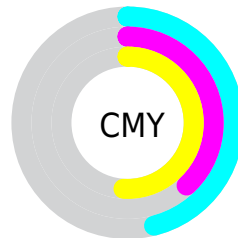
- Red (54%)
- Green (62%)
- Blue (49%)



- Red (49%)
- Yellow (62%)
- Blue (56%)



- Cyan (13%)
- Magenta (0%)
- Yellow (21%)
- Black (38%)



- Cyan (46%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0116, 30.8875, 23.6597 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 26.0116, 30.8875, 23.6597 by changing the saturation by 10% instead.

■ 26.0116, 30.8875,
23.6597

■ 26.0116, 30.8875,
23.6597

275.0947,
306.0197, 284.3264

■ 16.9650, 20.5132,
14.8715

■ 52.7248, 61.0629,
50.4112

■ 10.3047, 12.7686,
8.5836

■ 71.1222, 81.6328,
69.2115

■ 5.6653, 7.2694,
4.3775

■ 93.3672, 106.3700,
92.1863

■ 2.6813, 3.6312,
1.8347

119.8253,
135.6589, 119.7542

■ 0.9876, 1.4695,
0.4507

150.8617,
169.8840, 152.3336

■ 0.0000, 0.2671,
0.0000

186.8418,

■ 0.0000, 0.0000,

209.4295, 190.3430

0.0000

228.1310,
254.6800, 234.2011

■ 26.0116, 30.8875,
23.6597

■ 26.0116, 30.8875,
23.6597

■ 23.6052, 29.7536,
18.7704

■ 28.7154, 32.1583,
29.3895

■ 21.4827, 28.7478,
14.6800

■ 31.7244, 33.5664,
35.9946

■ 19.6332, 27.8662,
11.3467

■ 35.0495, 35.1176,
43.5103

■ 18.0440, 27.1033,
8.7236

■ 38.6998, 36.8160,
51.9696

■ 16.7012, 26.4532,
6.7591

■ 42.6845, 38.6655,
61.4034

■ 15.5896, 25.9092,
5.3942

■ 47.0121, 40.6699,
71.8416

■ 14.6915, 25.4637,
4.5597

■ 51.6908, 42.8328,
83.3126

■ 14.0344, 25.1342,
4.1117

■ 56.7288, 45.1578,
95.8438

■ 60.4296, 46.9667,
100.4882

Harmonies

Analogous

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



28.3036, 30.8875, 21.0046



26.0116, 30.8875, 23.6597



24.6683, 30.8875, 29.1655

Triad

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



26.0116, 30.8875, 23.6597



27.7539, 30.8875, 49.9446



34.7763, 30.8875, 30.6673

Complementary

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



26.0116, 30.8875, 23.6597



24.7962, 22.7797, 34.9899

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.



34.6065, 30.8875, 38.5310



26.0116, 30.8875, 23.6597



30.4375, 30.8875, 50.5131

Square

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



26.0116, 30.8875, 23.6597



25.6306, 30.8875, 44.6211



32.9790, 30.8875, 46.0719



33.4296, 30.8875, 24.6125

Rectangle

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



26.0116, 30.8875, 23.6597



24.4380, 30.8875, 34.0984



32.9790, 30.8875, 46.0719



34.8969, 30.8875, 33.1684

Sweetspot

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



26.0124, 30.8888, 23.6604



53.9972, 58.7947, 58.2324



27.4869, 28.5105, 23.1236



11.8123, 12.9049, 12.6615



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.



26.0124, 30.8888, 23.6604



44.5959, 54.3800, 38.2829



24.2204, 29.9405, 24.6844



6.7856, 7.5221, 7.0799



11.4373, 20.4329, 3.3411



0.2505, 0.3891, 0.0619

Inverse Universe

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



24.7962, 22.7797, 34.9899



42.0362, 37.3215, 62.1150



26.9212, 23.9073, 33.6381



6.6510, 6.6241, 8.3347



8.8315, 3.9818, 26.2103



0.2045, 0.0952, 0.4708

Previews

White Background



This preview shows how the XYZ color 26.0116, 30.8875, 23.6597 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 26.0116, 30.8875, 23.6597 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 26.0116, 30.8875, 23.6597

Background



This preview shows how black text looks on a background with the XYZ color 26.0116, 30.8875, 23.6597.



This preview shows how white text looks on a background with the XYZ color 26.0116, 30.8875,

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

26.0116, 30.8875, 23.6597

Protanopia

28.8547, 30.6668, 22.4876

Deuteranopia

31.4117, 30.7818, 24.3646



Tritanopia

29.2568, 30.9764, 39.5590

Trichromacy



Original Color

26.0116, 30.8875, 23.6597

Protanomaly

27.8530, 30.8630, 22.9015

Deuteranomaly

29.2113, 30.5783, 24.1013

Tritanomaly

27.9649, 30.9438, 32.9326

Monochromacy



Original Color

26.0116, 30.8875, 23.6597

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.0545, 29.8369, 28.7593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0116, 30.8875, 23.6597 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(137, 157, 124)` looks like.

```
.text, #text, p{  
    color:rgb(137, 157, 124)  
}
```

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(137, 157, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 157, 124) }
```

Border

The CSS property to change the border of an element to XYZ 26.0116, 30.8875, 23.6597 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(137, 157, 124) }
```


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

```
.border{ border-color:rgb(137, 157, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 157, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 157, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 157, 124);  
box-shadow:4px 4px 4px 4px rgb(137, 157,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0116, 30.8875, 23.6597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 157, 124) }
```

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

```
.background{ background-color: rgb(137,  
157, 124) }
```

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