

Converting Colors

XYZ(27.0020, 30.7604, 20.3609)

Have a look what the booklet for
XYZ(27.0020, 30.7604, 20.3609)
contains.

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Color

**XYZ(26.9873, 30.7157,
20.4259)**

Conversions

Conversions Part 1

Format	Color
Hex	959A72
RGB	149, 154, 114
RGB Percent	58%, 60%, 45%
CMY	0.4157, 0.3961, 0.5529
CMYK	0.03, 0.00, 0.26, 0.40
HSL	68°, 17%, 53%
HSV	68°, 26%, 60%
XYZ	26.9873, 30.7157, 20.4259
YIQ	147.9450, 9.8600, -13.5000

Conversions

Conversions Part 2

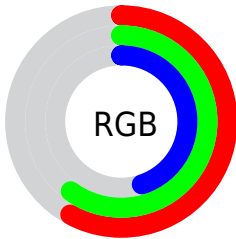
Format	Color
RYB	114, 154, 119
Decimal	9804402
CIELab	62.27, -8.72, 20.45
CIElCh	62, 22.235, 113.103
Yxy	30.7157, 0.3454, 0.3931
Android (android.graphics.Color)	4287994482 (0xFF959A72)
YUV	147.9450, -16.7349, 0.9252
Hunter-Lab	55.4217, -10.0685, 16.9437

Details

The XYZ color **26.9873, 30.7157, 20.4259** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4590, 18.2905, 33.0784**, and the grayscale version is **28.1908, 29.6589, 32.2985**.

A 20% lighter version of the original color is **54.0674, 60.5614, 44.9163**, and **10.8706, 12.6905, 7.0308** is the 20% darker color. If you saturate the color by 10%, you get **25.8353, 30.2157, 16.1751**, and if you desaturate by 10%, it is **28.2944, 31.2805, 25.4556**.

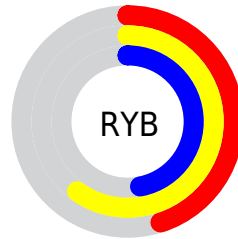
Distribution



Red (58%)

Green (60%)

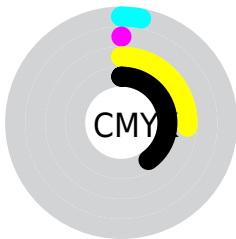
Blue (45%)



Red (45%)

Yellow (60%)

Blue (47%)

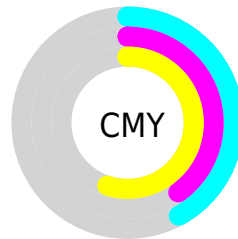


Cyan (3%)

Magenta (0%)

Yellow (26%)

Black (40%)



Cyan (42%)

Magenta (40%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9873, 30.7157, 20.4259 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 26.9873, 30.7157, 20.4259 by changing the saturation by 10% instead.

■ 26.9873, 30.7157,
20.4259

■ 26.9873, 30.7157,
20.4259

279.7643,
305.2264, 266.8916

■ 17.7002, 20.3825,
12.5179

■ 54.2835, 60.7922,
44.9984

■ 10.8334, 12.6734,
6.9706

■ 73.0234, 81.3042,
62.5000

■ 6.0214, 7.2040,
3.3655

■ 95.6449, 105.9780,
84.0364

■ 2.8989, 3.5900,
1.2842

■ 122.5133,
135.1979, 110.0264

■ 1.1005, 1.4470,
0.0488

153.9942,
169.3482, 140.8883

■ 0.0255, 0.2510,
0.0000

190.4527,

■ 0.0000, 0.0000,

208.8135, 177.0408

0.0000

232.2543,
253.9781, 218.9024

■ 26.9873, 30.7157,
20.4259

■ 26.9873, 30.7157,
20.4259

■ 25.8353, 30.2157,
16.1751

■ 28.2944, 31.2805,
25.4556

■ 24.8284, 29.7733,
12.6625

■ 29.7610, 31.9088,
31.2986

■ 23.9596, 29.3869,
9.8463

■ 31.3944, 32.6045,
37.9893

■ 23.2199, 29.0527,
7.6801

■ 33.2008, 33.3700,
45.5598

■ 22.5993, 28.7669,
6.1117

■ 35.1858, 34.2076,
54.0404

■ 22.0864, 28.5247,
5.0807

■ 37.3551, 35.1197,
63.4600

■ 21.6651, 28.3199,
4.5024

■ 39.7138, 36.1082,
73.8462

■ 21.5062, 28.2419,
4.3177

■ 42.2671, 37.1753,
85.2254

■ 45.0198, 38.3228,
97.6232

Harmonies

Analogous

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



29.8930, 30.7157, 19.5698



26.9873, 30.7157, 20.4259



24.8169, 30.7157, 24.4680

Triad

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



26.9873, 30.7157, 20.4259



25.8639, 30.7157, 48.4843



35.3084, 30.7157, 35.4690

Complementary

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



26.9873, 30.7157, 20.4259



19.4590, 18.2905, 33.0784

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.



34.0585, 30.7157, 44.3842



26.9873, 30.7157, 20.4259



28.5066, 30.7157, 52.6883

Square

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



26.9873, 30.7157, 20.4259



24.2000, 30.7157, 40.3598



31.5186, 30.7157, 51.0719



34.8325, 30.7157, 27.3674

Rectangle

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



26.9873, 30.7157, 20.4259



24.0119, 30.7157, 28.8655



31.5186, 30.7157, 51.0719



35.0735, 30.7157, 38.4831

Sweetspot

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



26.9881, 30.7171, 20.4266



53.4525, 57.7019, 54.4044



22.9220, 21.2002, 18.8039



12.0104, 13.0228, 11.9601



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.



26.9881, 30.7171, 20.4266



47.8074, 55.2691, 32.5746



23.6980, 29.0209, 20.2726



6.6329, 7.1837, 6.6428



17.5412, 23.0187, 3.5185



0.2808, 0.3537, 0.0535

Inverse Universe

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



19.4590, 18.2905, 33.0784



31.8273, 28.8893, 59.4350



22.4429, 19.8287, 33.2181



5.9527, 6.0615, 7.7852



4.9931, 2.0251, 25.0354



0.0910, 0.0387, 0.3750

Previews

White Background



This preview shows how the XYZ color 26.9873, 30.7157, 20.4259 looks on a white background.

Color Contrast Check

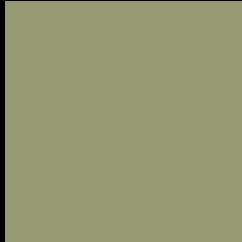
Large Text (above 18pt) WCAG AA × Fail

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 26.9873, 30.7157, 20.4259 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 26.9873, 30.7157, 20.4259

Background



This preview shows how black text looks on a background with the XYZ color 26.9873, 30.7157, 20.4259.



This preview shows how white text looks on a background with the XYZ color 26.9873, 30.7157,

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

26.9873, 30.7157, 20.4259

Protanopia

28.5289, 30.5596, 19.7242

Deuteranopia

31.0301, 30.4376, 20.7626



Tritanopia

30.4526, 30.6864, 37.5758

Trichromacy



Original Color

26.9873, 30.7157, 20.4259

Protanomaly

27.9519, 30.4936, 20.0354

Deuteranomaly

29.4103, 30.5246, 20.5614

Tritanomaly

29.0011, 30.5682, 30.3583

Monochromacy



Original Color

26.9873, 30.7157, 20.4259

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.5630, 29.8862, 27.6084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9873, 30.7157, 20.4259 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(149, 154, 114)` looks like.

```
.text, #text, p{  
    color:rgb(149, 154, 114)  
}
```

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(149, 154, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 154, 114) }
```

Border

The CSS property to change the border of an element to XYZ 26.9873, 30.7157, 20.4259 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(149, 154, 114) }
```


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

```
.border{ border-color:rgb(149, 154, 114) }
```

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

Here you see how a box with a 4 pixel rgb(149, 154, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 154, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 154, 114);  
box-shadow:4px 4px 4px 4px rgb(149, 154,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9873, 30.7157, 20.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 154, 114) }
```

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

```
.background{ background-color: rgb(149,  
154, 114) }
```

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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