

Converting Colors

XYZ(26.4822, 30.8631, 24.4372)

Have a look what the booklet for
XYZ(26.4822, 30.8631, 24.4372)
contains.

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Color

**XYZ(26.4696, 30.8587,
24.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9C7E
RGB	140, 156, 126
RGB Percent	55%, 61%, 49%
CMY	0.4510, 0.3882, 0.5059
CMYK	0.10, 0.00, 0.19, 0.39
HSL	92°, 13%, 55%
HSV	92°, 19%, 61%
XYZ	26.4696, 30.8587, 24.2999
YIQ	147.7960, 0.0940, -12.7220

Conversions

Conversions Part 2

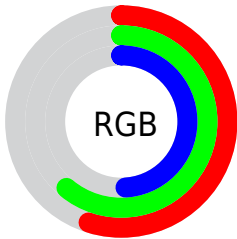
Format	Color
RYB	126, 156, 142
Decimal	9215102
CIELab	62.39, -11.36, 13.84
CIELCh	62, 17.905, 129.390
Yxy	30.8587, 0.3243, 0.3780
Android (android.graphics.Color)	4287405182 (0xFF8C9C7E)
YUV	147.7960, -10.7454, -6.8371
Hunter-Lab	55.5506, -12.1592, 12.9498

Details

The XYZ color **26.4696, 30.8587, 24.2999** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.6181, 23.0736, 34.6102**, and the grayscale version is **28.1073, 29.5711, 32.2029**.

A 20% lighter version of the original color is **53.6791, 61.3125, 51.6531**, and **10.6076, 12.8126, 8.9352** is the 20% darker color. If you saturate the color by 10%, you get **24.1912, 29.7924, 19.3421**, and if you desaturate by 10%, it is **29.0127, 32.0451, 30.0909**.

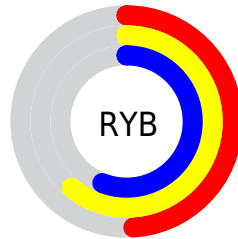
Distribution



Red (55%)

Green (61%)

Blue (49%)



Red (49%)

Yellow (61%)

Blue (56%)

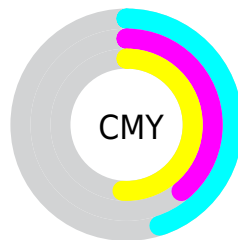


Cyan (10%)

Magenta (0%)

Yellow (19%)

Black (39%)



Cyan (45%)

Magenta (39%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4696, 30.8587, 24.2999 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 26.4696, 30.8587, 24.2999 by changing the saturation by 10% instead.

■ 26.4696, 30.8587,
24.2999

■ 26.4696, 30.8587,
24.2999

277.2944,
305.8868, 287.6684

■ 17.3098, 20.4913,
15.3420

■ 53.4575, 61.0175,
51.4691

■ 10.5523, 12.7527,
8.9105

■ 72.0163, 81.5777,
70.5175

■ 5.8317, 7.2584,
4.5868

■ 94.4388, 106.3043,
93.7664

■ 2.7827, 3.6243,
1.9525

121.0903,
135.5817, 121.6344

■ 1.0399, 1.4657,
0.5258

152.3363,
169.7942, 154.5401

■ 0.0000, 0.2644,
0.0000

188.5421,

■ 0.0000, 0.0000,

209.3263, 192.9020

0.0000

230.0730,
254.5624, 237.1386

■ 26.4696, 30.8587,
24.2999

■ 26.4696, 30.8587,
24.2999

■ 24.1912, 29.7924,
19.3421

■ 29.0127, 32.0451,
30.0909

■ 22.1654, 28.8382,
15.1771

■ 31.8272, 33.3516,
36.7488

■ 20.3829, 27.9930,
11.7643

■ 34.9223, 34.7830,
44.3082

■ 18.8326, 27.2520,
9.0586

■ 38.3062, 36.3431,
52.8009

■ 17.5024, 26.6103,
7.0101

■ 41.9869, 38.0350,
62.2572

■ 16.3790, 26.0620,
5.5623

■ 45.9717, 39.8621,
72.7063

■ 15.4470, 25.6008,
4.6494

■ 50.2679, 41.8275,
84.1758

■ 14.6763, 25.2142,
4.1277

■ 54.8824, 43.9341,
96.6925

■ 14.6212, 25.1866,
4.0909

■ 57.9309, 45.4284,
100.3230

Harmonies

Analogous

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



28.5760, 30.8587, 22.0717



26.4696, 30.8587, 24.2999



25.1787, 30.8587, 29.1150

Triad

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



26.4696, 30.8587, 24.2999



27.7194, 30.8587, 47.7134



34.1754, 30.8587, 31.4678

Complementary

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



26.4696, 30.8587, 24.2999



24.6181, 23.0736, 34.6102

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.



33.9148, 30.8587, 38.5231



26.4696, 30.8587, 24.2999



30.0977, 30.8587, 48.5722

Square

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



26.4696, 30.8587, 24.2999



25.8722, 30.8587, 42.8069



32.3900, 30.8587, 45.0133



33.0835, 30.8587, 25.8179

Rectangle

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



26.4696, 30.8587, 24.2999



24.9104, 30.8587, 33.4580



32.3900, 30.8587, 45.0133



34.2443, 30.8587, 33.7422

Sweetspot

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



26.4704, 30.8600, 24.3006



54.2303, 58.9149, 58.2433



27.1503, 27.9214, 23.6975



11.8683, 12.9338, 12.6641



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.



26.4704, 30.8600, 24.3006



46.2699, 55.2034, 40.1507



24.3243, 29.7462, 24.5387



6.8302, 7.5451, 7.0820



12.0821, 20.7653, 3.3713



0.2645, 0.3963, 0.0625

Inverse Universe

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



24.6181, 23.0736, 34.6102



42.2861, 38.4587, 62.3213



27.0887, 24.3570, 34.2855



6.6056, 6.6007, 8.3326



7.9365, 3.5204, 26.1684



0.1905, 0.0880, 0.4702

Previews

White Background



This preview shows how the XYZ color 26.4696, 30.8587, 24.2999 looks on a white background.

Color Contrast Check

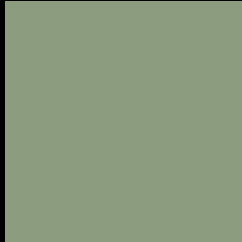
Large Text (above 18pt) WCAG AA × Fail

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 26.4696, 30.8587, 24.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

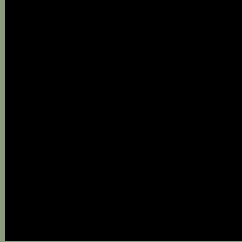
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4696, 30.8587, 24.2999

Background



This preview shows how black text looks on a background with the XYZ color 26.4696, 30.8587, 24.2999.



This preview shows how white text looks on a background with the XYZ color 26.4696, 30.8587,

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

26.4696, 30.8587, 24.2999

Protanopia

28.7796, 30.6137, 23.1311

Deuteranopia

31.2553, 30.6935, 24.6992



Tritanopia

29.5315, 30.8886, 39.0559

Trichromacy



Original Color

26.4696, 30.8587, 24.2999

Protanomaly

27.8152, 30.5871, 23.5067

Deuteranomaly

29.2762, 30.6043, 24.4429

Tritanomaly

28.3979, 30.9138, 33.3244

Monochromacy



Original Color

26.4696, 30.8587, 24.2999

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.4773, 30.0464, 29.1623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4696, 30.8587, 24.2999 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(140, 156, 126)` looks like.

```
.text, #text, p{  
    color:rgb(140, 156, 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(140, 156, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 126) }
```

Border

The CSS property to change the border of an element to XYZ 26.4696, 30.8587, 24.2999 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(140, 156, 126) }
```


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

```
.border{ border-color:rgb(140, 156, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 156, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 156, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 156, 126);  
box-shadow:4px 4px 4px 4px rgb(140, 156,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4696, 30.8587, 24.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 156, 126) }
```

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

```
.background{ background-color: rgb(140,  
156, 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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