

Converting Colors

XYZ(26.3159, 34.7154, 24.6990)

Have a look what the booklet for
XYZ(26.3159, 34.7154, 24.6990)
contains.

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Color

**XYZ(26.2906, 34.7441,
24.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	7AAB7D
RGB	122, 171, 125
RGB Percent	48%, 67%, 49%
CMY	0.5216, 0.3294, 0.5098
CMYK	0.29, 0.00, 0.27, 0.33
HSL	124°, 23%, 57%
HSV	124°, 29%, 67%
XYZ	26.2906, 34.7441, 24.7226
YIQ	151.1050, -14.4380, -24.6940

Conversions

Conversions Part 2

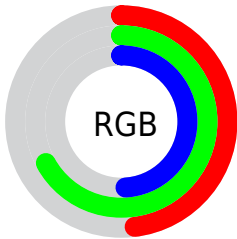
Format	Color
RYB	122, 168, 171
Decimal	8039293
CIELab	65.55, -25.72, 18.59
CIELCh	66, 31.737, 144.149
Yxy	34.7441, 0.3066, 0.4051
Android (android.graphics.Color)	4286229373 (0xFF7AAB7D)
YUV	151.1050, -12.8698, -25.5251
Hunter-Lab	58.9441, -23.5366, 16.3932

Details

The XYZ color **26.2906, 34.7441, 24.7226** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.8232, 25.4048, 40.3263**, and the grayscale version is **29.5189, 31.0562, 33.8202**.

A 20% lighter version of the original color is **53.4095, 67.3826, 52.3107**, and **10.3815, 14.8183, 9.1505** is the 20% darker color. If you saturate the color by 10%, you get **23.1351, 33.2275, 19.6476**, and if you desaturate by 10%, it is **30.0397, 36.5496, 30.6921**.

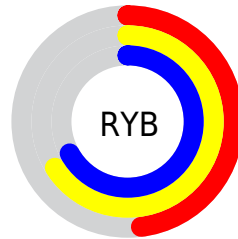
Distribution



Red (48%)

Green (67%)

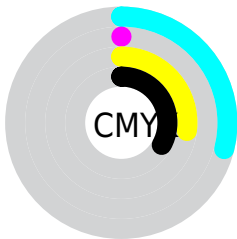
Blue (49%)



Red (48%)

Yellow (66%)

Blue (67%)

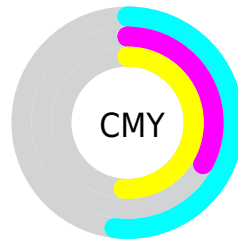


Cyan (29%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2906, 34.7441, 24.7226 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 26.2906, 34.7441, 24.7226 by changing the saturation by 10% instead.

■ 26.2906, 34.7441,
24.7226

■ 26.2906, 34.7441,
24.7226

276.4363,
323.4374, 289.8570

■ 17.1750, 23.4658,
15.6534

■ 53.1714, 67.0891,
52.1654

■ 10.4554, 14.9378,
9.1275

■ 71.6672, 88.9247,
71.3760

■ 5.7665, 8.7758,
4.7265

■ 94.0205, 115.0481,
94.8041

■ 2.7429, 4.5952,
2.0318

120.5966,
145.8439, 122.8684

■ 1.0193, 2.0118,
0.5747

151.7609,
181.6962, 155.9872

■ 0.0000, 0.6143,
0.0000

187.8787,

■ 0.0000, 0.0000,

222.9897, 194.5793

0.0000

229.3154,
270.1086, 239.0630

■ 26.2906, 34.7441,
24.7226

■ 26.2906, 34.7441,
24.7226

■ 23.1351, 33.2275,
19.6476

■ 30.0397, 36.5496,
30.6921

■ 20.5403, 31.9806,
15.4219

■ 34.4079, 38.6533,
37.5939

■ 18.4741, 30.9891,
11.9997


■ 39.4224, 41.0693,
45.4663


■ 16.9001, 30.2351,
9.3303


■ 45.1080, 43.8097,
54.3448


■ 15.7773, 29.6988,
7.3569


■ 51.4881, 46.8858,
64.2632


 15.0579, 29.3569,
6.0147


 58.5852, 50.3086,
75.2536

 14.6627, 29.1702,
5.2260

 66.4206, 54.0883,
87.3468

 14.6210, 29.1502,
5.1568

 73.6014, 57.5063,
100.5062

 73.8536, 57.6072,
101.8345

Harmonies

Analogous

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



29.4973, 34.7441, 18.9387



26.2906, 34.7441, 24.7226



24.9001, 34.7441, 35.2784

Triad

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



26.2906, 34.7441, 24.7226



32.1197, 34.7441, 69.4656



41.8764, 34.7441, 28.2881

Complementary

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



26.2906, 34.7441, 24.7226



30.8232, 25.4048, 40.3263

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.



42.7448, 34.7441, 40.5027



26.2906, 34.7441, 24.7226



36.8195, 34.7441, 66.3517

Square

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



26.2906, 34.7441, 24.7226



28.0564, 34.7441, 62.6254



40.8171, 34.7441, 54.9054



38.5441, 34.7441, 20.6335

Rectangle

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



26.2906, 34.7441, 24.7226



25.0868, 34.7441, 44.4443



40.8171, 34.7441, 54.9054



42.4784, 34.7441, 31.9076

Sweetspot

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



26.2915, 34.7456, 24.7234



61.1992, 69.0201, 66.6629



34.3431, 38.9181, 24.1144



13.3862, 15.2658, 14.4540



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.2915, 34.7456, 24.7234



43.5997, 60.5482, 38.6842



28.0108, 35.4333, 33.7768



7.9236, 8.9470, 8.6229



11.0288, 21.9768, 3.9252



0.3131, 0.6139, 0.1423

Inverse Universe

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



30.8232, 25.4048, 40.3263



52.9766, 41.2155, 70.9665



28.7930, 24.5928, 29.6357



8.3156, 8.1395, 9.9727



17.4860, 8.4570, 26.0026



0.4927, 0.2378, 0.7562

Previews

White Background



This preview shows how the XYZ color 26.2906, 34.7441, 24.7226 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 26.2906, 34.7441, 24.7226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

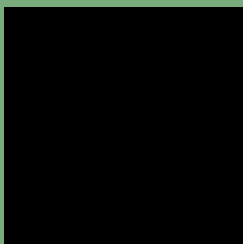
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.2906, 34.7441, 24.7226

Background



This preview shows how black text looks on a background with the XYZ color 26.2906, 34.7441, 24.7226.



This preview shows how white text looks on a background with the XYZ color 26.2906, 34.7441,

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

26.2906, 34.7441, 24.7226

Protanopia

32.1342, 34.3317, 22.3858

Deuteranopia

34.9578, 34.2318, 25.5338



Tritanopia

30.7270, 34.6308, 46.6599

Trichromacy



Original Color

26.2906, 34.7441, 24.7226

Protanomaly

29.6853, 34.3472, 23.1542

Deuteranomaly

30.9924, 33.9319, 25.3381

Tritanomaly

28.8924, 34.6952, 37.5218

Monochromacy



Original Color

26.2906, 34.7441, 24.7226

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.9246, 31.9822, 30.2926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2906, 34.7441, 24.7226 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(122, 171, 125)` looks like.

```
.text, #text, p{  
    color:rgb(122, 171, 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(122, 171, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 171, 125) }
```

Border

The CSS property to change the border of an element to XYZ 26.2906, 34.7441, 24.7226 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(122, 171, 125) }
```


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

```
.border{ border-color:rgb(122, 171, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 171, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 171, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 171, 125);  
box-shadow:4px 4px 4px 4px rgb(122, 171,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2906, 34.7441, 24.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 171, 125) }
```

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

```
.background{ background-color: rgb(122,  
171, 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](#).

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