

Converting Colors

XYZ(26.2806, 34.7114, 24.0577)

Have a look what the booklet for
XYZ(26.2806, 34.7114, 24.0577)
contains.

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Color

**XYZ(26.3064, 34.7668,
24.0631)**

Conversions

Conversions Part 1

Format	Color
Hex	7BAB7B
RGB	123, 171, 123
RGB Percent	48%, 67%, 48%
CMY	0.5176, 0.3294, 0.5176
CMYK	0.28, 0.00, 0.28, 0.33
HSL	120°, 22%, 58%
HSV	120°, 28%, 67%
XYZ	26.3064, 34.7668, 24.0631
YIQ	151.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

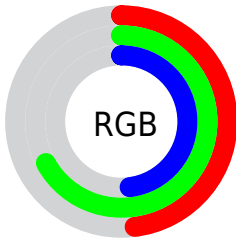
Format	Color
RYB	123, 171, 171
Decimal	8104827
CIELab	65.57, -25.74, 19.71
CIELCh	66, 32.418, 142.548
Yxy	34.7668, 0.3090, 0.4084
Android (android.graphics.Color)	4286294907 (0xFF7BAB7B)
YUV	151.1760, -13.8908, -24.7104
Hunter-Lab	58.9634, -23.5485, 17.0780

Details

The XYZ color **26.3064, 34.7668, 24.0631** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.2293, 25.7648, 41.8564**, and the grayscale version is **29.5532, 31.0922, 33.8594**.

A 20% lighter version of the original color is **53.4370, 67.4199, 51.2712**, and **10.3870, 14.8290, 8.7934** is the 20% darker color. If you saturate the color by 10%, you get **23.0920, 33.2238, 18.8047**, and if you desaturate by 10%, it is **30.1369, 36.6078, 30.3279**.

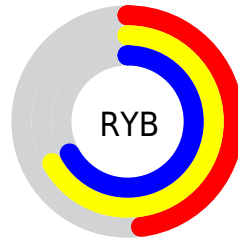
Distribution



Red (48%)

Green (67%)

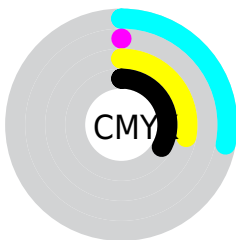
Blue (48%)



Red (48%)

Yellow (67%)

Blue (67%)

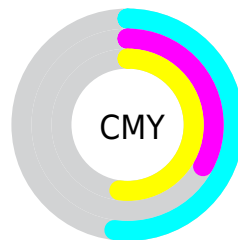


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3064, 34.7668, 24.0631 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 26.3064, 34.7668, 24.0631 by changing the saturation by 10% instead.

■ 26.3064, 34.7668,
24.0631

■ 26.3064, 34.7668,
24.0631

276.5121,
323.5378, 286.4362

■ 17.1869, 23.4833,
15.1678

■ 53.1966, 67.1243,
51.0783

■ 10.4640, 14.9508,
8.7893

■ 71.6980, 88.9672,
70.0352

■ 5.7723, 8.7848,
4.5091

■ 94.0575, 115.0986,
93.1831

■ 2.7464, 4.6011,
1.9086

120.6402,
145.9029, 120.9406

■ 1.0211, 2.0152,
0.4982

151.8117,
181.7646, 153.7261

■ 0.0000, 0.6163,
0.0000

187.9373,

■ 0.0000, 0.0000,

223.0681, 191.9581

0.0000

229.3823,
270.1977, 236.0553

■ 26.3064, 34.7668,
24.0631

■ 26.3064, 34.7668,
24.0631

■ 23.0920, 33.2238,
18.8047

■ 30.1369, 36.6078,
30.3279

■ 20.4591, 31.9591,
14.4980

■ 34.6106, 38.7567,
37.6452

■ 18.3737, 30.9574,
11.0870

■ 39.7559, 41.2283,
46.0612

■ 16.7973, 30.2002,
8.5085

■ 45.5989, 44.0350,
55.6185

■ 15.6864, 29.6665,
6.6913

■ 52.1645, 47.1888,
66.3575

■ 14.9901, 29.3321,
5.5523

■ 59.4760, 50.7009,
78.3166

■ 14.6230, 29.1557,
4.9517

■ 67.5559, 54.5821,
91.5326

■ 14.5636, 29.1272,
4.8546

■ 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.



29.6621, 34.7668, 18.4595



26.3064, 34.7668, 24.0631



24.7845, 34.7668, 34.5603

Triad

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



26.3064, 34.7668, 24.0631



31.8734, 34.7668, 70.1981



42.2263, 34.7668, 28.6779

Complementary

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



26.3064, 34.7668, 24.0631



31.2293, 25.7648, 41.8564

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.



42.9624, 34.7668, 41.3530



26.3064, 34.7668, 24.0631



36.6753, 34.7668, 67.5455

Square

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



26.3064, 34.7668, 24.0631



27.7921, 34.7668, 62.6727



40.8456, 34.7668, 56.1102



38.9209, 34.7668, 20.6439

Rectangle

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



26.3064, 34.7668, 24.0631



24.9012, 34.7668, 43.8323



40.8456, 34.7668, 56.1102



42.7945, 34.7668, 32.4477

Sweetspot

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



26.3073, 34.7683, 24.0639



61.9226, 69.3792, 67.3190



34.9341, 39.2156, 24.4672



13.5288, 15.3373, 14.5542



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.



26.3073, 34.7683, 24.0639



43.2318, 60.4011, 36.7469



27.9987, 35.4448, 32.9705



7.9045, 8.9394, 8.5223



10.9783, 21.9566, 3.6595



0.3054, 0.6108, 0.1018

Inverse Universe

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



31.2293, 25.7648, 41.8564



53.5866, 41.4595, 74.1788



29.1450, 24.9310, 30.8807



8.3371, 8.1481, 10.0860



18.2017, 8.7432, 29.7712



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 26.3064, 34.7668, 24.0631 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 26.3064, 34.7668, 24.0631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

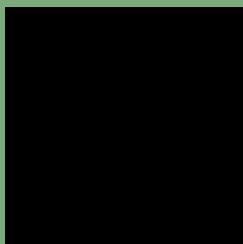
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.3064, 34.7668, 24.0631

Background



This preview shows how black text looks on a background with the XYZ color 26.3064, 34.7668, 24.0631.



This preview shows how white text looks on a background with the XYZ color 26.3064, 34.7668,

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

26.3064, 34.7668, 24.0631

Protanopia

32.0153, 34.2841, 21.7597

Deuteranopia

35.0666, 34.3031, 24.8516



Tritanopia

30.8841, 34.7118, 46.6673

Trichromacy



Original Color

26.3064, 34.7668, 24.0631

Protanomaly

29.5638, 34.2986, 22.5149

Deuteranomaly

31.0643, 33.9840, 24.6610

Tritanomaly

28.9578, 34.7389, 37.0773

Monochromacy



Original Color

26.3064, 34.7668, 24.0631

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.0191, 32.0395, 29.9068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3064, 34.7668, 24.0631 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(123, 171, 123)` looks like.

```
.text, #text, p{  
    color:rgb(123, 171, 123)  
}
```

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(123, 171, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 171, 123) }
```

Border

The CSS property to change the border of an element to XYZ 26.3064, 34.7668, 24.0631 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(123, 171, 123) }
```


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

```
.border{ border-color:rgb(123, 171, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 171, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 171, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 171, 123);  
box-shadow:4px 4px 4px 4px rgb(123, 171,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3064, 34.7668, 24.0631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 171, 123) }
```

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

```
.background{ background-color: rgb(123,  
171, 123) }
```

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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