

Converting Colors

XYZ(26.4526, 35.3737, 24.4980)

Have a look what the booklet for
XYZ(26.4526, 35.3737, 24.4980)
contains.

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Color

**XYZ(26.4668, 35.4073,
24.5081)**

Conversions

Conversions Part 1

Format	Color
Hex	79AD7C
RGB	121, 173, 124
RGB Percent	47%, 68%, 49%
CMY	0.5255, 0.3216, 0.5137
CMYK	0.30, 0.00, 0.28, 0.32
HSL	123°, 24%, 58%
HSV	123°, 30%, 68%
XYZ	26.4668, 35.4073, 24.5081
YIQ	151.8660, -15.2630, -26.2630

Conversions

Conversions Part 2

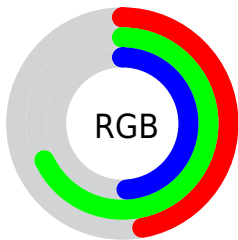
Format	Color
RYB	121, 170, 173
Decimal	7974268
CIELab	66.06, -27.22, 19.83
CIElCh	66, 33.678, 143.926
Yxy	35.4073, 0.3064, 0.4099
Android (android.graphics.Color)	4286164348 (0xFF79AD7C)
YUV	151.8660, -13.7379, -27.0695
Hunter-Lab	59.5040, -24.7370, 17.2329

Details

The XYZ color **26.4668, 35.4073, 24.5081** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.3278, 25.4620, 41.2951**, and the grayscale version is **29.8500, 31.4046, 34.1996**.

A 20% lighter version of the original color is **53.6343, 68.3269, 51.9566**, and **10.5123, 15.2430, 9.0448** is the 20% darker color. If you saturate the color by 10%, you get **23.3093, 33.8900, 19.4165**, and if you desaturate by 10%, it is **30.2315, 37.2199, 30.5193**.

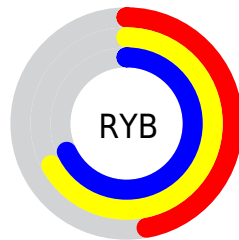
Distribution



Red (47%)

Green (68%)

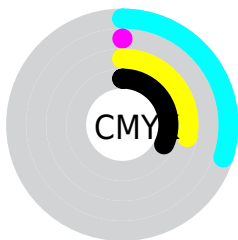
Blue (49%)



Red (47%)

Yellow (67%)

Blue (68%)

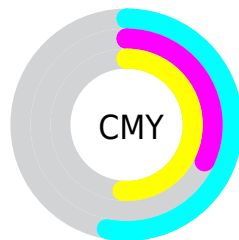


Cyan (30%)

Magenta (0%)

Yellow (28%)

Black (32%)



Cyan (53%)

Magenta (32%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4668, 35.4073, 24.5081 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 26.4668, 35.4073, 24.5081 by changing the saturation by 10% instead.

■ 26.4668, 35.4073,
24.5081

■ 26.4668, 35.4073,
24.5081

277.2810,
326.3625, 288.7481

■ 17.3077, 23.9768,
15.4953

■ 53.4530, 68.1163,
51.8123

■ 10.5508, 15.3164,
9.0172

■ 72.0108, 90.1635,
70.9407

■ 5.8307, 9.0417,
4.6555

■ 94.4322, 116.5184,
94.2781

■ 2.7821, 4.7684,
1.9914

121.0826,
147.5655, 122.2429

■ 1.0396, 2.1120,
0.5500

152.3273,
183.6890, 155.2538

■ 0.0000, 0.6714,
0.0000

188.5317,

■ 0.0000, 0.0000,

225.2734, 193.7293

0.0000

230.0612,
272.7031, 238.0879

■ 26.4668, 35.4073,
24.5081

■ 26.4668, 35.4073,
24.5081

■ 23.3093, 33.8900,
19.4165

■ 30.2315, 37.2199,
30.5193

■ 20.7245, 32.6482,
15.1971

■ 34.6298, 39.3376,
37.4898

■ 18.6788, 31.6667,
11.8015


■ 39.6901, 41.7751,
45.4599


■ 17.1342, 30.9269,
9.1760


■ 45.4381, 44.5450,
54.4669


■ 16.0473, 30.4078,
7.2604


■ 51.8984, 47.6590,
64.5459

 15.3676, 30.0849,
5.9854

 59.0941, 51.1284,
75.7308

 14.9989, 29.9104,
5.2694

 67.0474, 54.9639,
88.0538

 74.1407, 58.3311,
101.4689

 74.2343, 58.3685,
101.9614

Harmonies

Analogous

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



29.9038, 35.4073, 18.4665



26.4668, 35.4073, 24.5081



24.9715, 35.4073, 35.7122

Triad

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



26.4668, 35.4073, 24.5081



32.6466, 35.4073, 72.9179



43.2269, 35.4073, 28.4310

Complementary

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



26.4668, 35.4073, 24.5081



31.3278, 25.4620, 41.2951

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.



44.1456, 35.4073, 41.5397



26.4668, 35.4073, 24.5081



37.7044, 35.4073, 69.5884

Square

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



26.4668, 35.4073, 24.5081



28.3048, 35.4073, 65.3585



42.0361, 35.4073, 57.1409



39.6370, 35.4073, 20.3080

Rectangle

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



26.4668, 35.4073, 24.5081



25.1593, 35.4073, 45.5646



42.0361, 35.4073, 57.1409



43.8723, 35.4073, 32.2995

Sweetspot

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



26.4677, 35.4088, 24.5089



62.7852, 70.8184, 68.3518



35.0604, 39.8601, 23.9353



13.3841, 15.2649, 14.4428



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.



26.4677, 35.4088, 24.5089



43.5652, 61.5683, 37.7200



28.3026, 36.1427, 34.1711



7.9225, 8.9466, 8.6171



11.0259, 21.9756, 3.9099



0.3127, 0.6137, 0.1400

Inverse Universe

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



31.3278, 25.4620, 41.2951



53.6635, 40.8951, 72.5939



29.1367, 24.5855, 29.7568



8.3168, 8.1400, 9.9792



17.5258, 8.4729, 26.2119



0.4934, 0.2381, 0.7602

Previews

White Background



This preview shows how the XYZ color 26.4668, 35.4073, 24.5081 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 26.4668, 35.4073, 24.5081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

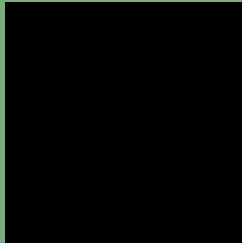
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4668, 35.4073, 24.5081

Background



This preview shows how black text looks on a background with the XYZ color 26.4668, 35.4073, 24.5081.



This preview shows how white text looks on a background with the XYZ color 26.4668, 35.4073,

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

26.4668, 35.4073, 24.5081

Protanopia

32.8541, 35.2203, 22.2061

Deuteranopia

35.7016, 35.1088, 25.3171



Tritanopia

31.1330, 35.3524, 47.8306

Trichromacy



Original Color

26.4668, 35.4073, 24.5081

Protanomaly

29.9822, 35.0386, 22.9522

Deuteranomaly

31.4759, 34.7034, 25.1181

Tritanomaly

29.1984, 35.3912, 38.0931

Monochromacy



Original Color

26.4668, 35.4073, 24.5081

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.4378, 32.7573, 30.4151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4668, 35.4073, 24.5081 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(121, 173, 124)` looks like.

```
.text, #text, p{  
    color:rgb(121, 173, 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(121, 173, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 173, 124) }
```

Border

The CSS property to change the border of an element to XYZ 26.4668, 35.4073, 24.5081 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(121, 173, 124) }
```


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

```
.border{ border-color:rgb(121, 173, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 173, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 173, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 173, 124);  
box-shadow:4px 4px 4px 4px rgb(121, 173,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4668, 35.4073, 24.5081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 173, 124) }
```

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

```
.background{ background-color: rgb(121,  
173, 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](#).

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