

Converting Colors

XYZ(26.5140, 34.6668, 24.1489)

Have a look what the booklet for
XYZ(26.5140, 34.6668, 24.1489)
contains.

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Color

**XYZ(26.4073, 34.5395,
24.0139)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAA7B
RGB	125, 170, 123
RGB Percent	49%, 67%, 48%
CMY	0.5098, 0.3333, 0.5176
CMYK	0.26, 0.00, 0.28, 0.33
HSL	117°, 22%, 57%
HSV	117°, 28%, 67%
XYZ	26.4073, 34.5395, 24.0139
YIQ	151.1870, -11.7330, -24.1570

Conversions

Conversions Part 2

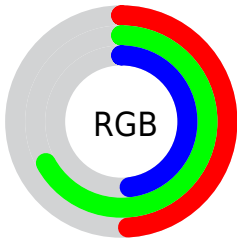
Format	Color
RYB	123, 170, 168
Decimal	8235643
CIELab	65.39, -24.55, 19.49
CIELCh	65, 31.346, 141.558
Yxy	34.5395, 0.3108, 0.4065
Android (android.graphics.Color)	4286425723 (0xFF7DAA7B)
YUV	151.1870, -13.8962, -22.9660
Hunter-Lab	58.7703, -22.6425, 16.9130

Details

The XYZ color **26.4073, 34.5395, 24.0139** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.4887, 25.3941, 41.3267**, and the grayscale version is **29.5575, 31.0968, 33.8644**.

A 20% lighter version of the original color is **53.3521, 66.5687, 51.1114**, and **10.5385, 14.9071, 8.8005** is the 20% darker color. If you saturate the color by 10%, you get **23.2497, 33.0252, 18.7851**, and if you desaturate by 10%, it is **30.1410, 36.3315, 30.2358**.

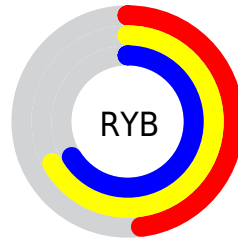
Distribution



Red (49%)

Green (67%)

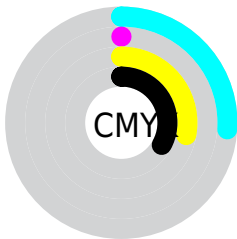
Blue (48%)



Red (48%)

Yellow (67%)

Blue (66%)

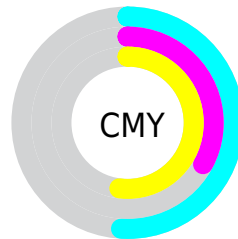


Cyan (26%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4073, 34.5395, 24.0139 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 26.4073, 34.5395, 24.0139 by changing the saturation by 10% instead.

■ 26.4073, 34.5395,
24.0139

■ 26.4073, 34.5395,
24.0139

276.9960,
322.5310, 286.1796

■ 17.2629, 23.3084,
15.1316

■ 53.3579, 66.7718,
50.9970

■ 10.5186, 14.8214,
8.7642

■ 71.8948, 88.5417,
69.9349

■ 5.8090, 8.6941,
4.4930

■ 94.2933, 114.5933,
93.0618

■ 2.7688, 4.5422,
1.8995

120.9186,
145.3111, 120.7962

■ 1.0327, 1.9813,
0.4924

152.1362,
181.0793, 153.5566

■ 0.0000, 0.5965,
0.0000

188.3114,

■ 0.0000, 0.0000,

222.2824, 191.7616

0.0000

229.8095,
269.3049, 235.8298

■ 26.4073, 34.5395,
24.0139

■ 26.4073, 34.5395,
24.0139

■ 23.2497, 33.0252,
18.7851

■ 30.1410, 36.3315,
30.2358

■ 20.6369, 31.7705,
14.4960

■ 34.4747, 38.4093,
37.4961

■ 18.5390, 30.7621,
11.0916


■ 39.4340, 40.7864,
45.8400


■ 16.9219, 29.9840,
8.5101


■ 45.0425, 43.4739,
55.3094


■ 15.7474, 29.4177,
6.6819


■ 51.3224, 46.4825,
65.9438

 14.9717, 29.0426,
5.5261

 58.2949, 49.8221,
77.7811

 14.5361, 28.8312,
4.9137

 65.9803, 53.5026,
90.8573

 14.4659, 28.7975,
4.7960

 73.6654, 57.2309,
101.7718

Harmonies

Analogous

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



29.7002, 34.5395, 18.7004



26.4073, 34.5395, 24.0139



24.8707, 34.5395, 34.0277

Triad

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



26.4073, 34.5395, 24.0139



31.5537, 34.5395, 68.4518



41.7123, 34.5395, 29.0863

Complementary

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



26.4073, 34.5395, 24.0139



30.4887, 25.3941, 41.3267

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.



42.3256, 34.5395, 41.4303



26.4073, 34.5395, 24.0139



36.1696, 34.5395, 66.2545

Square

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



26.4073, 34.5395, 24.0139



27.6558, 34.5395, 61.0027



40.2150, 34.5395, 55.5538



38.6096, 34.5395, 21.1201

Rectangle

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



26.4073, 34.5395, 24.0139



24.9398, 34.5395, 42.8867



40.2150, 34.5395, 55.5538



42.2272, 34.5395, 32.7806

Sweetspot

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



26.4082, 34.5410, 24.0147



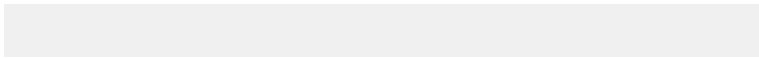
62.1301, 69.4862, 67.3285



34.0924, 37.8541, 24.2492



13.5824, 15.3649, 14.5566



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.



26.4082, 34.5410, 24.0147



44.3802, 60.9729, 37.7130



27.5898, 34.9802, 31.7445



7.4652, 8.4224, 8.0215



10.6530, 21.1890, 3.5284



0.2681, 0.5201, 0.0863

Inverse Universe

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



30.4887, 25.3941, 41.3267



52.9895, 41.6661, 74.2514



29.0746, 24.8780, 31.6417



7.8099, 7.6501, 9.4833



16.4260, 7.8513, 28.6252



0.4089, 0.1958, 0.6969

Previews

White Background



This preview shows how the XYZ color 26.4073, 34.5395, 24.0139 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 26.4073, 34.5395, 24.0139 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 26.4073, 34.5395, 24.0139

Background



This preview shows how black text looks on a background with the XYZ color 26.4073, 34.5395, 24.0139.



This preview shows how white text looks on a background with the XYZ color 26.4073, 34.5395,

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

26.4073, 34.5395, 24.0139

Protanopia

32.0744, 34.3078, 22.0711

Deuteranopia

34.8262, 34.1791, 24.8404



Tritanopia

30.7652, 34.3973, 46.0921

Trichromacy



Original Color

26.4073, 34.5395, 24.0139

Protanomaly

29.6369, 34.0668, 22.7828

Deuteranomaly

31.2683, 34.0892, 24.6705

Tritanomaly

29.0821, 34.5321, 37.0309

Monochromacy



Original Color

26.4073, 34.5395, 24.0139

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.1899, 32.1276, 29.9148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4073, 34.5395, 24.0139 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(125, 170, 123)` looks like.

```
.text, #text, p{  
    color:rgb(125, 170, 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(125, 170, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 170, 123) }
```

Border

The CSS property to change the border of an element to XYZ 26.4073, 34.5395, 24.0139 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(125, 170, 123) }
```


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

```
.border{ border-color:rgb(125, 170, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 170, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 170, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 170, 123);  
box-shadow:4px 4px 4px 4px rgb(125, 170,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4073, 34.5395, 24.0139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 170, 123) }
```

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

```
.background{ background-color: rgb(125,  
170, 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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