

Converting Colors

XYZ(26.3405, 40.3979, 24.7430)

Have a look what the booklet for
XYZ(26.3405, 40.3979, 24.7430)
contains.

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Color

**XYZ(26.4405, 40.5592,
24.8475)**

Conversions

Conversions Part 1

Format	Color
Hex	5DBE7A
RGB	93, 190, 122
RGB Percent	36%, 75%, 48%
CMY	0.6353, 0.2549, 0.5216
CMYK	0.51, 0.00, 0.36, 0.25
HSL	138°, 43%, 55%
HSV	138°, 51%, 75%
XYZ	26.4405, 40.5592, 24.8475
YIQ	153.2450, -35.9840, -41.7120

Conversions

Conversions Part 2

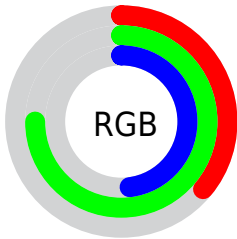
Format	Color
RYB	93, 168, 190
Decimal	6143610
CIELab	69.87, -43.71, 25.83
CIElCh	70, 50.773, 149.426
Yxy	40.5592, 0.2879, 0.4416
Android (android.graphics.Color)	4284333690 (0xFF5DBE7A)
YUV	153.2450, -15.4038, -52.8349
Hunter-Lab	63.6861, -37.3430, 21.4479

Details

The XYZ color **26.4405, 40.5592, 24.8475** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **31.5839, 21.3499, 36.1759**, and the grayscale version is **30.4621, 32.0485, 34.9008**.

A 20% lighter version of the original color is **53.3931, 76.0062, 52.4140**, and **10.5695, 18.3833, 9.1221** is the 20% darker color. If you saturate the color by 10%, you get **23.9816, 39.3816, 20.7159**, and if you desaturate by 10%, it is **29.4924, 42.0317, 29.5992**.

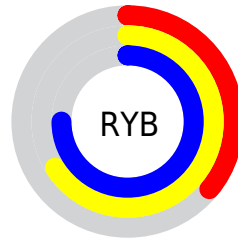
Distribution



Red (36%)

Green (75%)

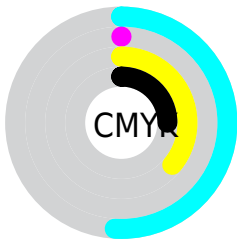
Blue (48%)



Red (36%)

Yellow (66%)

Blue (75%)

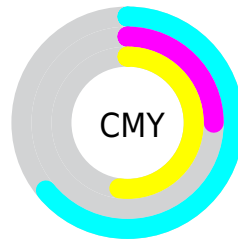


Cyan (51%)

Magenta (0%)

Yellow (36%)

Black (25%)



Cyan (64%)

Magenta (25%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4405, 40.5592, 24.8475 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 26.4405, 40.5592, 24.8475 by changing the saturation by 10% instead.

■ 26.4405, 40.5592,
24.8475

■ 26.4405, 40.5592,
24.8475

277.1550,
348.4749, 290.5010

■ 17.2879, 27.9748,
15.7455

■ 53.4110, 76.0143,
52.3708

■ 10.5365, 18.3067,
9.1918

■ 71.9596, 99.6538,
71.6291

■ 5.8211, 11.1704,
4.7680

■ 94.3708, 127.7471,
95.1100

■ 2.7762, 6.1816,
2.0554

■ 121.0101,
160.6787, 123.2319

■ 1.0366, 2.9558,
0.5891

152.2429,
198.8328, 156.4134

■ 0.0000, 1.1087,
0.0000

188.4344,

■ 0.0000, 0.0000,

242.5940, 195.0730

0.0000

229.9500,
292.3465, 239.6294

■ 26.4405, 40.5592,
24.8475

■ 26.4405, 40.5592,
24.8475

■ 23.9816, 39.3816,
20.7159

■ 29.4924, 42.0317,
29.5992

■ 22.0719, 38.4735,
17.1758

■ 33.1709, 43.8124,
34.9924

■ 20.6664, 37.8134,
14.2006

■ 37.5105, 45.9200,
41.0509

■ 19.7110, 37.3739,
11.7602

■ 42.5426, 48.3700,
47.7966

■ 19.1479, 37.1219,
10.0015

■ 48.2961, 51.1770,
55.2502

■ 54.7987, 54.3549,
63.4315

■ 62.0762, 57.9165,
72.3597

■ 70.1535, 61.8743,
82.0531

■ 75.6633, 64.4921,
92.3708

Harmonies

Analogous

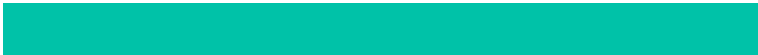
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.2693, 40.5592, 15.2312



26.4405, 40.5592, 24.8475



24.7624, 40.5592, 43.7082

Triad

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



26.4405, 40.5592, 24.8475



38.3915, 40.5592, 106.9599



54.0859, 40.5592, 25.3890

Complementary

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



26.4405, 40.5592, 24.8475



31.5839, 21.3499, 36.1759

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.



56.6907, 40.5592, 44.6191



26.4405, 40.5592, 24.8475



46.8820, 40.5592, 96.7367

Square

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



26.4405, 40.5592, 24.8475



31.0303, 40.5592, 95.9705



53.8868, 40.5592, 71.5403



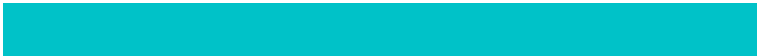
47.1966, 40.5592, 15.4563

Rectangle

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



26.4405, 40.5592, 24.8475



25.4403, 40.5592, 61.0630



53.8868, 40.5592, 71.5403



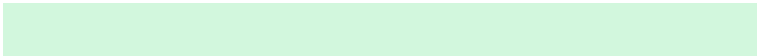
55.5318, 40.5592, 30.7085

Sweetspot

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



26.4415, 40.5609, 24.8484



73.1133, 85.7124, 81.3350



35.3961, 45.3547, 17.2450



15.6291, 18.6143, 17.2889



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.4415, 40.5609, 24.8484



43.0917, 71.1883, 36.8941



30.0887, 42.0197, 44.0542



9.5230, 10.6953, 10.7377



12.7624, 24.6952, 6.8117



0.5297, 0.9793, 0.4238

Inverse Universe

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



31.5839, 21.3499, 36.1759



53.3961, 32.5647, 59.4979



28.1889, 19.9919, 18.2982



9.8051, 9.6464, 11.3628



16.9803, 8.4233, 15.7217



0.6927, 0.3410, 0.7609

Previews

White Background



This preview shows how the XYZ color 26.4405, 40.5592, 24.8475 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 26.4405, 40.5592, 24.8475 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 26.4405, 40.5592, 24.8475

Background



This preview shows how black text looks on a background with the XYZ color 26.4405, 40.5592, 24.8475.



This preview shows how white text looks on a background with the XYZ color 26.4405, 40.5592,

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

26.4405, 40.5592, 24.8475

Protanopia

37.1225, 40.1321, 21.4125

Deuteranopia

40.8129, 40.0323, 25.9980



Tritanopia

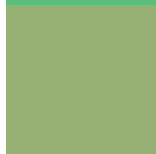
33.0432, 40.4128, 58.2834

Trichromacy



Original Color

26.4405, 40.5592, 24.8475



Protanomaly

31.6370, 39.2845, 22.4382



Deuteranomaly

33.4074, 38.9706, 25.5000



Tritanomaly

30.0108, 40.0886, 43.6923

Monochromacy



Original Color

26.4405, 40.5592, 24.8475



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.8788, 34.0507, 30.6943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4405, 40.5592, 24.8475 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(93, 190, 122)` looks like.

```
.text, #text, p{  
  color:rgb(93, 190, 122)  
}
```

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(93, 190, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 190, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.4405, 40.5592, 24.8475 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(93, 190, 122) }
```


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

```
.border{ border-color:rgb(93, 190, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 190, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 190, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 190, 122);  
box-shadow:4px 4px 4px 4px rgb(93, 190,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4405, 40.5592, 24.8475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 190, 122) }
```

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

```
.background{ background-color: rgb(93, 190,  
122) }
```

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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