

Converting Colors

XYZ(25.9285, 42.7715, 26.8133)

Have a look what the booklet for
XYZ(25.9285, 42.7715, 26.8133)
contains.

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Color

**XYZ(26.0747, 42.9772,
26.9998)**

Conversions

Conversions Part 1

Format	Color
Hex	3FC67F
RGB	63, 198, 127
RGB Percent	25%, 78%, 50%
CMY	0.7529, 0.2235, 0.5020
CMYK	0.68, 0.00, 0.36, 0.22
HSL	148°, 54%, 51%
HSV	148°, 68%, 78%
XYZ	26.0747, 42.9772, 26.9998
YIQ	149.5410, -57.6690, -50.7010

Conversions

Conversions Part 2

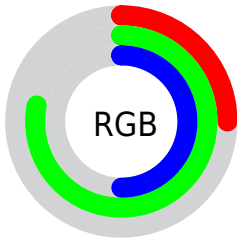
Format	Color
RYB	63, 155, 198
Decimal	4179583
CIELab	71.54, -52.44, 25.28
CIELCh	72, 58.215, 154.263
Yxy	42.9772, 0.2715, 0.4474
Android (android.graphics.Color)	4282369663 (0xFF3FC67F)
YUV	149.5410, -11.1127, -75.8965
Hunter-Lab	65.5570, -43.7280, 21.4712

Details

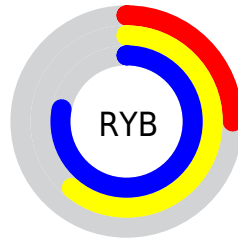
The XYZ color **26.0747, 42.9772, 26.9998** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **29.3706, 17.2828, 24.3436**, and the grayscale version is **28.8590, 30.3619, 33.0641**.

A 20% lighter version of the original color is **52.6024, 79.2509, 55.7045**, and **11.1620, 20.1807, 10.3282** is the 20% darker color. If you saturate the color by 10%, you get **24.3863, 42.1824, 23.5597**, and if you desaturate by 10%, it is **28.2900, 44.0379, 30.8327**.

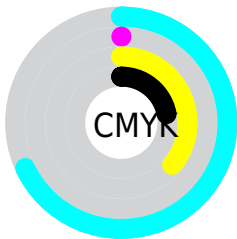
Distribution



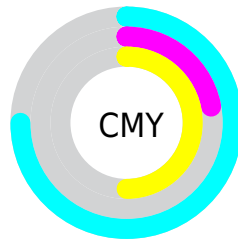
- Red (25%)
- Green (78%)
- Blue (50%)



- Red (25%)
- Yellow (61%)
- Blue (78%)



- Cyan (68%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)




- Cyan (75%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0747, 42.9772, 26.9998 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 26.0747, 42.9772, 26.9998 by changing the saturation by 10% instead.


 26.0747, 42.9772,
26.9998


 26.0747, 42.9772,
26.9998


275.3986,
358.5180, 301.4163


 17.0125, 29.8672,
17.3406


 52.8259, 79.6765,
55.8873


 10.3388, 19.7378,
10.3131

 71.2456, 104.0345,
75.9527


 5.6881, 12.2046,
5.4988


 93.5151, 132.9107,
100.3239

 2.6952, 6.8832,
2.4790

 119.9999,
166.6895, 129.4195

 0.9947, 3.3892,
0.8290

 151.0653,
205.7552, 163.6580

 0.0000, 1.3381,
0.0000

187.0766,

 0.0000, 0.1704,

250.4923, 203.4579

0.0000

228.3993,
301.2851, 249.2378

■ 0.0000, 0.0000,
0.0000

■ 26.0747, 42.9772,
26.9998

■ 26.0747, 42.9772,
26.9998

■ 24.3863, 42.1824,
23.5597

■ 28.2900, 44.0379,
30.8327

■ 23.1681, 41.6209,
20.4959

■ 31.0747, 45.3826,
35.0681

■ 22.3403, 41.2531,
17.7939

■ 34.4706, 47.0338,
39.7191

■ 22.2093, 41.1955,
17.3394

■ 38.5144, 49.0102,
44.7973

■ 43.2398, 51.3291,
50.3136

■ 48.6780, 54.0062,
56.2786

■ 54.8585, 57.0566,
62.7025

■ 61.8088, 60.4942,
69.5951

■ 69.5552, 64.3325,
76.9660

Harmonies

Analogous

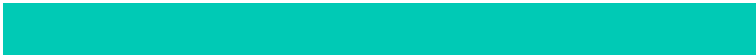
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.1021, 42.9772, 14.7934



26.0747, 42.9772, 26.9998



24.7461, 42.9772, 50.9360

Triad

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



26.0747, 42.9772, 26.9998



42.2700, 42.9772, 124.2258



58.5515, 42.9772, 22.4510

Complementary

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



26.0747, 42.9772, 26.9998



29.3706, 17.2828, 24.3436

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.



62.7527, 42.9772, 42.8845



26.0747, 42.9772, 26.9998



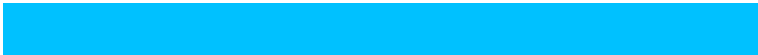
52.4441, 42.9772, 107.3277

Square

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



26.0747, 42.9772, 26.9998



33.1761, 42.9772, 114.4804



60.3563, 42.9772, 74.4667



49.6211, 42.9772, 13.0032

Rectangle

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



26.0747, 42.9772, 26.9998



25.9225, 42.9772, 72.7580



60.3563, 42.9772, 74.4667



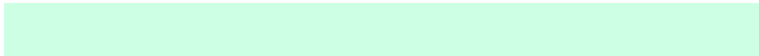
60.6235, 42.9772, 27.8848

Sweetspot

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



26.0758, 42.9789, 27.0008



74.6901, 89.9687, 86.9571



31.0843, 45.8998, 11.9242



15.4649, 19.0008, 18.0090



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.0758, 42.9789, 27.0008



41.9952, 74.1437, 38.8970



31.9268, 45.3193, 57.8118



10.7033, 11.9702, 12.3878



14.4853, 26.8065, 11.5002



0.7224, 1.2839, 0.7370

Inverse Universe

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



29.3706, 17.2828, 24.3436



48.2030, 25.6022, 33.7970



26.0955, 15.9728, 7.0972



10.8630, 10.7286, 12.2618



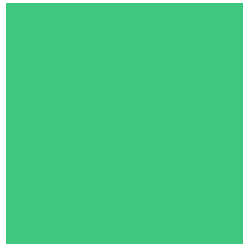
16.8182, 8.4768, 9.5185



0.8328, 0.4159, 0.6425

Previews

White Background



This preview shows how the XYZ color 26.0747, 42.9772, 26.9998 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 26.0747, 42.9772, 26.9998 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

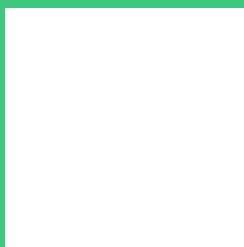
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0747, 42.9772, 26.9998

Background



This preview shows how black text looks on a background with the XYZ color 26.0747, 42.9772, 26.9998.

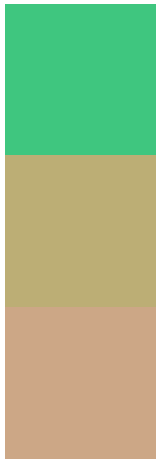


This preview shows how white text looks on a background with the XYZ color 26.0747, 42.9772,

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

26.0747, 42.9772, 26.9998

Protanopia

39.0860, 42.2478, 22.9242

Deuteranopia

43.0236, 42.1960, 28.4313



Tritanopia

33.4111, 42.9790, 63.6616

Trichromacy



Original Color

26.0747, 42.9772, 26.9998



Protanomaly

31.7124, 41.0871, 24.3483



Deuteranomaly

33.1540, 40.2518, 27.4947



Tritanomaly

30.0794, 42.5832, 47.7083

Monochromacy



Original Color

26.0747, 42.9772, 26.9998



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.1724, 33.4420, 30.6667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0747, 42.9772, 26.9998 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(63, 198, 127)` looks like.

```
.text, #text, p{  
    color:rgb(63, 198, 127)  
}
```

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(63, 198, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 198, 127) }
```

Border

The CSS property to change the border of an element to XYZ 26.0747, 42.9772, 26.9998 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(63, 198, 127) }
```


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

```
.border{ border-color:rgb(63, 198, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 198, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 198, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 198, 127);  
box-shadow:4px 4px 4px 4px rgb(63, 198,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0747, 42.9772, 26.9998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 198, 127) }
```

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

```
.background{ background-color: rgb(63, 198,  
127) }
```

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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