

Converting Colors

XYZ(26.4877, 41.1281, 34.3626)

Have a look what the booklet for
XYZ(26.4877, 41.1281, 34.3626)
contains.

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Color

**XYZ(26.4417, 40.9956,
34.5363)**

Conversions

Conversions Part 1

Format	Color
Hex	42C094
RGB	66, 192, 148
RGB Percent	26%, 75%, 58%
CMY	0.7412, 0.2470, 0.4196
CMYK	0.66, 0.00, 0.23, 0.25
HSL	159°, 50%, 51%
HSV	159°, 66%, 75%
XYZ	26.4417, 40.9956, 34.5363
YIQ	149.3100, -60.9720, -40.3960

Conversions

Conversions Part 2

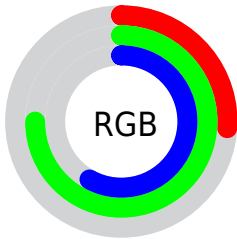
Format	Color
RYB	66, 142, 192
Decimal	4374676
CIELab	70.17, -45.03, 12.18
CIELCh	70, 46.650, 164.868
Yxy	40.9956, 0.2593, 0.4020
Android (android.graphics.Color)	4282564756 (0xFF42C094)
YUV	149.3100, -0.6458, -73.0629
Hunter-Lab	64.0278, -38.3331, 12.8387

Details

The XYZ color **26.4417, 40.9956, 34.5363** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **26.5023, 16.2297, 16.4893**, and the grayscale version is **28.7197, 30.2154, 32.9046**.

A 20% lighter version of the original color is **53.2887, 76.5277, 67.8398**, and **11.1033, 18.7544, 14.3440** is the 20% darker color. If you saturate the color by 10%, you get **24.8434, 40.2323, 31.7714**, and if you desaturate by 10%, it is **28.5070, 41.9983, 37.4854**.

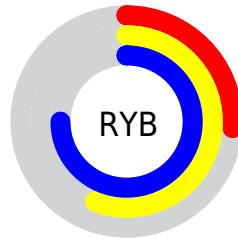
Distribution



Red (26%)

Green (75%)

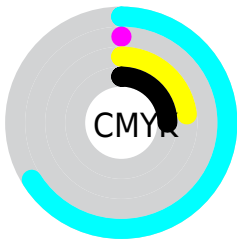
Blue (58%)



Red (26%)

Yellow (56%)

Blue (75%)

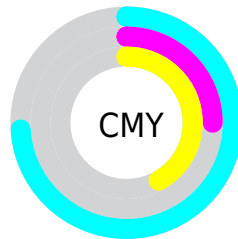


Cyan (66%)

Magenta (0%)

Yellow (23%)

Black (25%)



Cyan (74%)

Magenta (25%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4417, 40.9956, 34.5363 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 26.4417, 40.9956, 34.5363 by changing the saturation by 10% instead.


 26.4417, 40.9956,
34.5363


 26.4417, 40.9956,
34.5363


277.1608,
350.3022, 337.3587


 17.2888, 28.3156,
23.0252


 53.4129, 76.6772,
67.9102


 10.5372, 18.5637,
14.4067


 71.9619, 100.4477,
90.6101

 5.8215, 11.3555,
8.2621

 94.3736, 128.6837,
117.8767

 2.7765, 6.3065,
4.1729

 121.0135,
161.7698, 150.1285

 1.0367, 3.0323,
1.7207

 152.2467,
200.0903, 187.7840

 0.0000, 1.1486,
0.3748

188.4388,

 0.0000, 0.0191,

244.0296, 231.2619

0.0000

229.9550,
293.9721, 280.9806

■ 0.0000, 0.0000,
0.0000

■ 26.4417, 40.9956,
34.5363

■ 26.4417, 40.9956,
34.5363

■ 24.8434, 40.2323,
31.7714

■ 28.5070, 41.9983,
37.4854

■ 23.6629, 39.6798,
29.1829

■ 31.0758, 43.2558,
40.6204

■ 22.8443, 39.3104,
26.7665

■ 34.1844, 44.7879,
43.9463

■ 22.5489, 39.1801,
25.7599

■ 37.8648, 46.6111,
47.4672

■ 42.1466, 48.7405,
51.1869

■ 47.0570, 51.1902,
55.1091

■ 52.6218, 53.9734,
59.2373

■ 58.8651, 57.1024,
63.5751

■ 65.8099, 60.5890,
68.1256

Harmonies

Analogous

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



29.4985, 40.9956, 20.9772



26.4417, 40.9956, 34.5363



26.4282, 40.9956, 56.3182

Triad

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



26.4417, 40.9956, 34.5363



42.8548, 40.9956, 98.8555



50.3239, 40.9956, 21.0602

Complementary

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



26.4417, 40.9956, 34.5363



26.5023, 16.2297, 16.4893

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.



54.9469, 40.9956, 34.6946



26.4417, 40.9956, 34.5363



50.2671, 40.9956, 81.5599

Square

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



26.4417, 40.9956, 34.5363



35.2569, 40.9956, 98.7702



54.9249, 40.9956, 56.5375



42.9246, 40.9956, 15.1084

Rectangle

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



26.4417, 40.9956, 34.5363



28.1181, 40.9956, 73.2470



54.9249, 40.9956, 56.5375



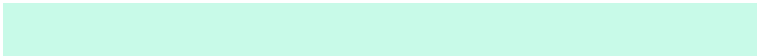
52.2945, 40.9956, 24.6567

Sweetspot

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



26.4428, 40.9972, 34.5373



72.5815, 86.4290, 89.5335



26.2772, 41.4157, 11.7640



15.1072, 18.3112, 18.8007



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.



26.4428, 40.9972, 34.5373



43.9315, 72.3863, 55.3491



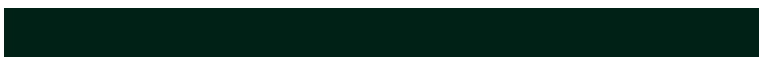
26.7252, 34.8911, 55.1971



10.2143, 11.3668, 12.1318



15.2104, 26.3782, 17.5329



0.6888, 1.1524, 0.9238

Inverse Universe

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



26.5023, 16.2297, 16.4893



44.1152, 24.1954, 20.5704



25.9635, 18.0822, 7.2767



10.2152, 10.1347, 11.2237



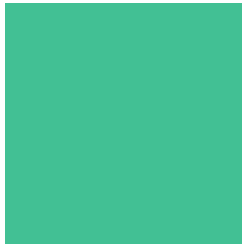
15.3438, 7.8273, 4.4566



0.6958, 0.3513, 0.3655

Previews

White Background



This preview shows how the XYZ color 26.4417, 40.9956, 34.5363 looks on a white background.

Color Contrast Check

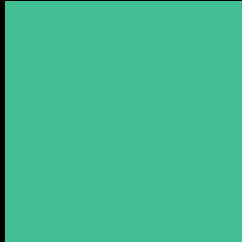
Large Text (above 18pt) WCAG AA × Fail

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 26.4417, 40.9956, 34.5363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

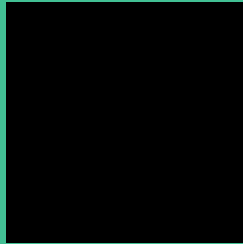
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

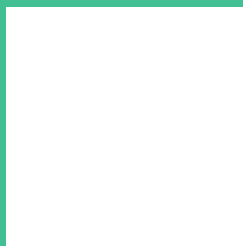
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4417, 40.9956, 34.5363

Background



This preview shows how black text looks on a background with the XYZ color 26.4417, 40.9956, 34.5363.

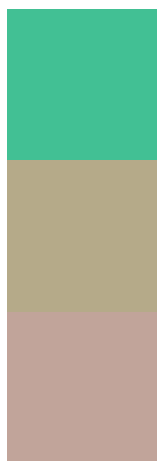


This preview shows how white text looks on a background with the XYZ color 26.4417, 40.9956,

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

26.4417, 40.9956, 34.5363

Protanopia

37.9461, 40.3794, 29.4609

Deuteranopia

41.1005, 40.2215, 36.1691



Tritanopia

31.7048, 40.8943, 60.8660

Trichromacy



Original Color

26.4417, 40.9956, 34.5363



Protanomaly

31.3756, 39.2528, 31.1222



Deuteranomaly

32.8362, 38.7421, 35.4531



Tritanomaly

29.5482, 40.9649, 50.0657

Monochromacy



Original Color

26.4417, 40.9956, 34.5363



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.4877, 33.0021, 33.4078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4417, 40.9956, 34.5363 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(66, 192, 148)` looks like.

```
.text, #text, p{  
    color:rgb(66, 192, 148)  
}
```

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(66, 192, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 192, 148) }
```

Border

The CSS property to change the border of an element to XYZ 26.4417, 40.9956, 34.5363 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(66, 192, 148) }
```


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

```
.border{ border-color:rgb(66, 192, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 192, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 192, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 192, 148);  
box-shadow:4px 4px 4px 4px rgb(66, 192,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4417, 40.9956, 34.5363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 192, 148) }
```

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

```
.background{ background-color: rgb(66, 192,  
148) }
```

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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