

Converting Colors

XYZ(26.3693, 42.9588, 34.7549)

Have a look what the booklet for
XYZ(26.3693, 42.9588, 34.7549)
contains.

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Color

**XYZ(26.4145, 42.9774,
34.9203)**

Conversions

Conversions Part 1

Format	Color
Hex	28C694
RGB	40, 198, 148
RGB Percent	16%, 78%, 58%
CMY	0.8431, 0.2235, 0.4196
CMYK	0.80, 0.00, 0.25, 0.22
HSL	161°, 66%, 47%
HSV	161°, 80%, 78%
XYZ	26.4145, 42.9774, 34.9203
YIQ	145.0580, -78.1180, -49.0460

Conversions

Conversions Part 2

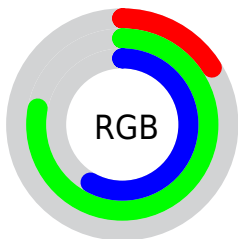
Format	Color
RYB	40, 134, 198
Decimal	2672276
CIELab	71.54, -51.04, 14.03
CIELCh	72, 52.929, 164.628
Yxy	42.9774, 0.2532, 0.4120
Android (android.graphics.Color)	4280862356 (0xFF28C694)
YUV	145.0580, 1.4504, -92.1359
Hunter-Lab	65.5572, -42.8032, 14.3080

Details

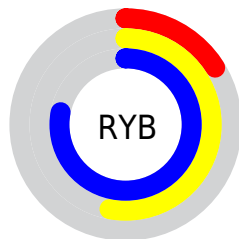
The XYZ color **26.4145, 42.9774, 34.9203** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **25.8945, 14.2627, 11.0632**, and the grayscale version is **26.9558, 28.3596, 30.8836**.

A 20% lighter version of the original color is **53.1028, 79.2290, 68.3710**, and **11.9801, 20.5080, 14.6363** is the 20% darker color. If you saturate the color by 10%, you get **25.3502, 42.4856, 32.3517**, and if you desaturate by 10%, it is **27.9019, 43.6864, 37.6508**.

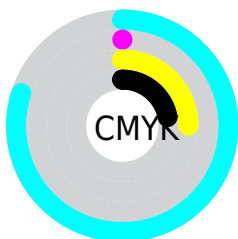
Distribution



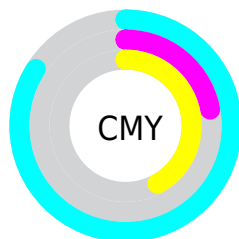
- Red (16%)
- Green (78%)
- Blue (58%)



- Red (16%)
- Yellow (53%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4145, 42.9774, 34.9203 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 26.4145, 42.9774, 34.9203 by changing the saturation by 10% instead.

■ 26.4145, 42.9774,
34.9203

■ 26.4145, 42.9774,
34.9203

277.0305,
358.5188, 339.1100

■ 17.2683, 29.8674,
23.3184

■ 53.3694, 79.6768,
68.5125

■ 10.5224, 19.7380,
14.6213

■ 71.9089, 104.0349,
91.3398

■ 5.8116, 12.2047,
8.4104

■ 94.3101, 132.9112,
118.7461

■ 2.7704, 6.8832,
4.2671

■ 120.9385,
166.6900, 151.1498

■ 1.0336, 3.3892,
1.7730

■ 152.1593,
205.7558, 188.9695

■ 0.0000, 1.3381,
0.4101

188.3380,

■ 0.0000, 0.1704,

250.4929, 232.6237

0.0000

229.8400,
301.2858, 282.5310

■ 0.0000, 0.0000,
0.0000

■ 26.4145, 42.9774,
34.9203

■ 26.4145, 42.9774,
34.9203

■ 25.3502, 42.4856,
32.3517

■ 27.9019, 43.6864,
37.6508

■ 24.6062, 42.1548,
29.9351

■ 29.8622, 44.6350,
40.5449

■ 24.5920, 42.1485,
29.8868

■ 32.3419, 45.8481,
43.6077

■ 35.3807, 47.3462,
46.8432

■ 39.0144, 49.1476,
50.2550

■ 43.2757, 51.2694,
53.8467

■ 48.1950, 53.7269,
57.6215

■ 53.8003, 56.5347,
61.5828

■ 60.1185, 59.7065,
65.7336

Harmonies

Analogous

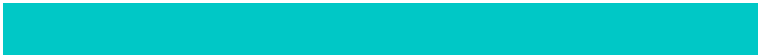
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.9237, 42.9774, 19.7752



26.4145, 42.9774, 34.9203



26.3713, 42.9774, 60.3615

Triad

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



26.4145, 42.9774, 34.9203



45.3455, 42.9774, 112.4217



54.3445, 42.9774, 20.0309

Complementary

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



26.4145, 42.9774, 34.9203



25.8945, 14.2627, 11.0632

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.



59.8412, 42.9774, 35.4308



26.4145, 42.9774, 34.9203



54.1538, 42.9774, 91.3036

Square

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



26.4145, 42.9774, 34.9203



36.4593, 42.9774, 112.1251



59.7667, 42.9774, 61.0962



45.5771, 42.9774, 13.5676

Rectangle

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



26.4145, 42.9774, 34.9203



28.2737, 42.9774, 80.7153



59.7667, 42.9774, 61.0962



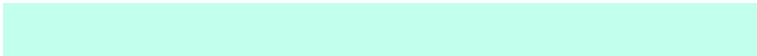
56.6892, 42.9774, 24.0243

Sweetspot

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



26.4157, 42.9791, 34.9213



73.0437, 88.9976, 92.4051



24.7983, 42.7186, 8.9467



15.0625, 18.7646, 19.2896



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.



26.4157, 42.9791, 34.9213



43.8761, 74.7812, 53.9926



25.2638, 32.9185, 58.4504



10.7983, 12.0082, 12.8882



16.0324, 27.4253, 19.6472



0.7909, 1.3113, 1.0977

Inverse Universe

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



25.8945, 14.2627, 11.0632



43.0986, 22.1806, 11.1714



25.7992, 16.4125, 3.8164



10.7699, 10.6913, 11.7714



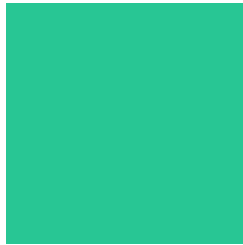
15.7572, 8.0524, 3.9313



0.7793, 0.3946, 0.3608

Previews

White Background



This preview shows how the XYZ color 26.4145, 42.9774, 34.9203 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 26.4145, 42.9774, 34.9203 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

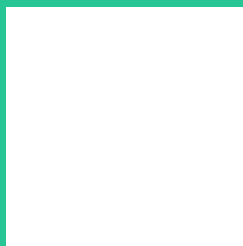
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4145, 42.9774, 34.9203

Background



This preview shows how black text looks on a background with the XYZ color 26.4145, 42.9774, 34.9203.

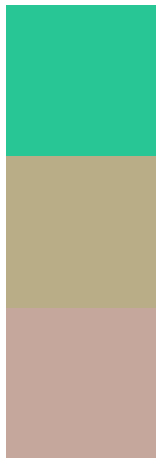


This preview shows how white text looks on a background with the XYZ color 26.4145, 42.9774,

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

26.4145, 42.9774, 34.9203

Protanopia

39.3951, 41.9790, 29.3190

Deuteranopia

42.7611, 41.8743, 36.8391



Tritanopia

32.3017, 42.6996, 64.9319

Trichromacy



Original Color

26.4145, 42.9774, 34.9203



Protanomaly

30.9773, 40.2549, 30.9482



Deuteranomaly

32.4031, 39.6832, 35.6576



Tritanomaly

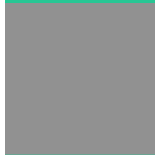
29.7514, 42.6348, 52.5602

Monochromacy



Original Color

26.4145, 42.9774, 34.9203



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.5272, 31.7520, 32.0302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4145, 42.9774, 34.9203 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(40, 198, 148)` looks like.

```
.text, #text, p{  
    color:rgb(40, 198, 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(40, 198, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 198, 148) }
```

Border

The CSS property to change the border of an element to XYZ 26.4145, 42.9774, 34.9203 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(40, 198, 148) }
```


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

```
.border{ border-color:rgb(40, 198, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 198, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 198, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 198, 148);  
box-shadow:4px 4px 4px 4px rgb(40, 198,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4145, 42.9774, 34.9203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 198, 148) }
```

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

```
.background{ background-color: rgb(40, 198,  
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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