

Converting Colors

XYZ(26.3378, 34.5504, 34.5808)

Have a look what the booklet for
XYZ(26.3378, 34.5504, 34.5808)
contains.

XYZ(26.3332, 34.5483, 34.5587)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.3332, 34.5483,
34.5587)**

Conversions

Conversions Part 1

Format	Color
Hex	6CAB97
RGB	108, 171, 151
RGB Percent	42%, 67%, 59%
CMY	0.5765, 0.3294, 0.4078
CMYK	0.37, 0.00, 0.12, 0.33
HSL	161°, 27%, 55%
HSV	161°, 37%, 67%
XYZ	26.3332, 34.5483, 34.5587
YIQ	149.8830, -31.1280, -19.5760

Conversions

Conversions Part 2

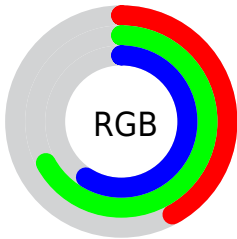
Format	Color
R _Y B	108, 145, 171
Decimal	7121815
CIE Lab	65.40, -24.89, 3.91
CIE LCh	65, 25.192, 171.068
Yxy	34.5483, 0.2759, 0.3620
Android (android.graphics.Color)	4285311895 (0xFF6CAB97)
YUV	149.8830, 0.5507, -36.7314
Hunter-Lab	58.7778, -22.8909, 6.2846

Details

The XYZ color **26.3332, 34.5483, 34.5587** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.0547, 20.9426, 23.0927**, and the grayscale version is **28.9478, 30.4553, 33.1659**.

A 20% lighter version of the original color is **53.3888, 67.0273, 67.8813**, and **10.4096, 14.7177, 14.3488** is the 20% darker color. If you saturate the color by 10%, you get **24.0233, 33.4082, 32.2022**, and if you desaturate by 10%, it is **29.0732, 35.9096, 37.0428**.

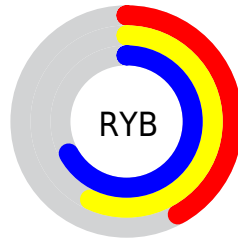
Distribution



Red (42%)

Green (67%)

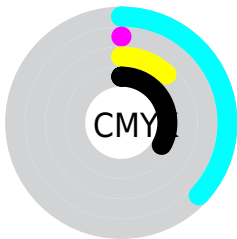
Blue (59%)



Red (42%)

Yellow (57%)

Blue (67%)

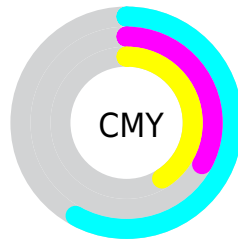


Cyan (37%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (58%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3332, 34.5483, 34.5587 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 26.3332, 34.5483, 34.5587 by changing the saturation by 10% instead.


 26.3332, 34.5483,
34.5587


 26.3332, 34.5483,
34.5587


276.6407,
322.5700, 337.4610


 17.2071, 23.3151,
23.0423


 53.2395, 66.7854,
67.9454


 10.4785, 14.8264,
14.4192


 71.7503, 88.5582,
90.6527

 5.7820, 8.6976,
8.2707


 94.1201, 114.6129,
117.9274

 2.7524, 4.5445,
4.1784

 120.7142,
145.3340, 150.1881

 1.0242, 1.9826,
1.7237

151.8980,
181.1059, 187.8533

 0.0000, 0.5973,
0.3769

188.0367,

 0.0000, 0.0000,

222.3129, 231.3415

0.0000

229.4959,
269.3395, 281.0712

■ 26.3332, 34.5483,
34.5587

■ 26.3332, 34.5483,
34.5587

■ 24.0233, 33.4082,
32.2022

■ 29.0732, 35.9096,
37.0428

■ 22.1165, 32.4727,
29.9684

■ 32.2628, 37.4994,
39.6547

■ 20.5869, 31.7293,
27.8555

■ 35.9236, 39.3297,
42.3973

■ 19.4046, 31.1627,
25.8605

■ 40.0750, 41.4105,
45.2730

■ 18.5345, 30.7549,
23.9804

■ 44.7352, 43.7511,
48.2838

■ 17.9265, 30.4800,
22.2111

■ 49.9216, 46.3605,
51.4320

■ 17.7575, 30.4046,
21.6737

■ 55.6507, 49.2471,
54.7196

■ 61.9382, 52.4190,
58.1484

■ 66.2129, 54.5507,
61.5995

Harmonies

Analogous

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



27.6362, 34.5483, 26.2689



26.3332, 34.5483, 34.5587



26.6687, 34.5483, 45.3797

Triad

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



26.3332, 34.5483, 34.5587



35.4461, 34.5483, 59.8651



37.4858, 34.5483, 23.9565

Complementary

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



26.3332, 34.5483, 34.5587



26.0547, 20.9426, 23.0927

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.



39.8901, 34.5483, 30.7946



26.3332, 34.5483, 34.5587



38.6528, 34.5483, 51.8377

Square

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



26.3332, 34.5483, 34.5587



31.7510, 34.5483, 61.3888



40.3324, 34.5483, 40.8511



33.9477, 34.5483, 20.9437

Rectangle

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



26.3332, 34.5483, 34.5587



27.7876, 34.5483, 52.5573



40.3324, 34.5483, 40.8511



38.4641, 34.5483, 25.8162

Sweetspot

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



26.3342, 34.5497, 34.5595



61.3752, 68.9539, 73.7614



26.3241, 34.8771, 19.5326



13.4956, 15.2813, 16.3057



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.



26.3342, 34.5497, 34.5595



43.8162, 60.2210, 58.5232



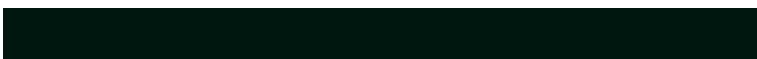
26.1938, 31.4451, 43.2186



8.1265, 9.0281, 9.6910



13.4106, 22.9295, 16.4680



0.3964, 0.6472, 0.5812

Inverse Universe

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



26.0547, 20.9426, 23.0927



43.2510, 32.3546, 35.0760



26.0400, 22.8166, 17.2197



8.1061, 8.0557, 8.8696



13.1893, 6.7383, 3.3765



0.3921, 0.1975, 0.2267

Previews

White Background



This preview shows how the XYZ color 26.3332, 34.5483, 34.5587 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 26.3332, 34.5483, 34.5587 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

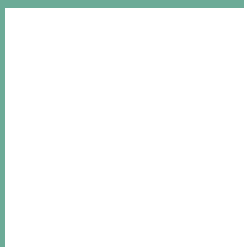
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3332, 34.5483, 34.5587

Background



This preview shows how black text looks on a background with the XYZ color 26.3332, 34.5483, 34.5587.

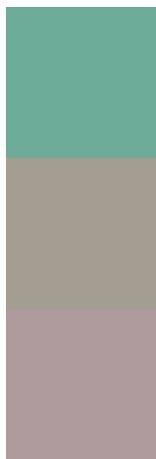


This preview shows how white text looks on a background with the XYZ color 26.3332, 34.5483, 34.5587.

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

26.3332, 34.5483, 34.5587

Protanopia

32.5707, 34.3598, 31.3010

Deuteranopia

34.7632, 34.1477, 35.7693



Tritanopia

29.1272, 34.5776, 48.3190

Trichromacy



Original Color

26.3332, 34.5483, 34.5587

Protanomaly

29.8653, 34.2303, 32.6368

Deuteranomaly

30.9812, 33.9587, 35.4937

Tritanomaly

27.8462, 34.3146, 42.6918

Monochromacy



Original Color

26.3332, 34.5483, 34.5587

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.7236, 31.8066, 33.5323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3332, 34.5483, 34.5587 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(108, 171, 151)` looks like.

```
.text, #text, p{  
    color:rgb(108, 171, 151)  
}
```

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(108, 171, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 171, 151) }
```

Border

The CSS property to change the border of an element to XYZ 26.3332, 34.5483, 34.5587 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(108, 171, 151) }
```


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

```
.border{ border-color:rgb(108, 171, 151) }
```

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

Here you see how a box with a 4 pixel rgb(108, 171, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 171, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 171, 151);  
box-shadow:4px 4px 4px 4px rgb(108, 171,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3332, 34.5483, 34.5587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 171, 151) }
```

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

```
.background{ background-color: rgb(108,  
171, 151) }
```

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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