

Converting Colors

XYZ(25.0578, 33.9470, 34.2053)

Have a look what the booklet for
XYZ(25.0578, 33.9470, 34.2053)
contains.

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Color

**XYZ(24.9977, 33.8692,
34.0741)**

Conversions

Conversions Part 1

Format	Color
Hex	61AB96
RGB	97, 171, 150
RGB Percent	38%, 67%, 59%
CMY	0.6196, 0.3294, 0.4118
CMYK	0.43, 0.00, 0.12, 0.33
HSL	163°, 31%, 53%
HSV	163°, 43%, 67%
XYZ	24.9977, 33.8692, 34.0741
YIQ	146.4800, -37.3630, -22.2190

Conversions

Conversions Part 2

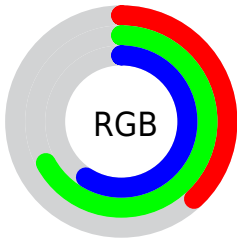
Format	Color
RYB	97, 140, 171
Decimal	6400918
CIELab	64.86, -28.18, 3.63
CIElCh	65, 28.412, 172.667
Yxy	33.8692, 0.2690, 0.3644
Android (android.graphics.Color)	4284590998 (0xFF61AB96)
YUV	146.4800, 1.7354, -43.3940
Hunter-Lab	58.1973, -25.1734, 6.0242

Details

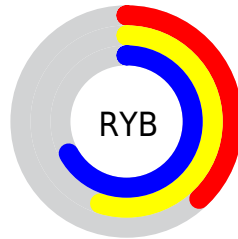
The XYZ color **24.9977, 33.8692, 34.0741** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.3404, 18.5162, 19.4319**, and the grayscale version is **27.5236, 28.9569, 31.5341**.

A 20% lighter version of the original color is **51.1307, 65.8771, 67.1474**, and **9.7268, 14.3713, 14.0657** is the 20% darker color. If you saturate the color by 10%, you get **22.9858, 32.8771, 31.9825**, and if you desaturate by 10%, it is **27.4205, 35.0730, 36.2709**.

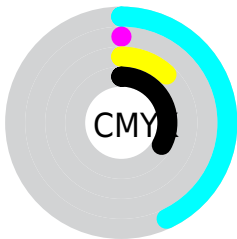
Distribution



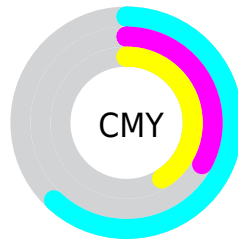
- Red (38%)
- Green (67%)
- Blue (59%)



- Red (38%)
- Yellow (55%)
- Blue (67%)



- Cyan (43%)
- Magenta (0%)
- Yellow (12%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9977, 33.8692, 34.0741 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 24.9977, 33.8692, 34.0741 by changing the saturation by 10% instead.

■ 24.9977, 33.8692,
34.0741

■ 24.9977, 33.8692,
34.0741

270.1743,
319.5484, 335.2416

■ 16.2041, 22.7931,
22.6727

■ 51.0964, 65.7302,
67.1841

■ 9.7604, 14.4408,
14.1490

■ 69.1322, 87.2839,
89.7298

■ 5.3015, 8.4279,
8.0844

■ 90.9794, 113.0990,
116.8273

■ 2.4618, 4.3700,
4.0605

■ 117.0034,
143.5599, 148.8952

■ 0.8760, 1.8826,
1.6586

147.5695,
179.0508, 186.3521

■ 0.0000, 0.5379,
0.3321

183.0432,

■ 0.0000, 0.0000,

219.9563, 229.6164

0.0000

223.7897,
266.6607, 279.1067

■ 24.9977, 33.8692,
34.0741

■ 24.9977, 33.8692,
34.0741

■ 22.9858, 32.8771,
31.9825

■ 27.4205, 35.0730,
36.2709

■ 21.3562, 32.0794,
29.9916

■ 30.2747, 36.4964,
38.5727

■ 20.0812, 31.4627,
28.0997


■ 33.5828, 38.1519,
40.9821


■ 19.1279, 31.0100,
26.3043


■ 37.3650, 40.0498,
43.5012

■ 18.4571, 30.7011,
24.6025


■ 41.6402, 42.2000,
46.1318

 18.1057, 30.5439,
23.5073

 46.4262, 44.6115,
48.8755

 51.7400, 47.2930,
51.7342

 57.5976, 50.2530,
54.7095

 64.0146, 53.4993,
57.8029

Harmonies

Analogous

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



26.3289, 33.8692, 24.8246



24.9977, 33.8692, 34.0741



25.4598, 33.8692, 46.2668

Triad

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



24.9977, 33.8692, 34.0741



35.3218, 33.8692, 61.8408



37.2060, 33.8692, 21.6986

Complementary

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



24.9977, 33.8692, 34.0741



24.3404, 18.5162, 19.4319

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.



40.0164, 33.8692, 28.8535



24.9977, 33.8692, 34.0741



38.8659, 33.8692, 52.3108

Square

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



24.9977, 33.8692, 34.0741



31.1972, 33.8692, 64.0647



40.6482, 33.8692, 39.8312



33.2070, 33.8692, 18.7311

Rectangle

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



24.9977, 33.8692, 34.0741



26.7429, 33.8692, 54.3661



40.6482, 33.8692, 39.8312



38.3344, 33.8692, 23.6106

Sweetspot

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



24.9987, 33.8706, 34.0749



60.1710, 68.3395, 73.4137



24.3569, 33.9264, 16.5746



13.1172, 15.0891, 16.1601



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.



24.9987, 33.8706, 34.0749



41.2807, 58.9360, 57.4067



24.2036, 29.3270, 42.9146



8.1379, 9.0327, 9.7513



13.6719, 23.0340, 17.8436



0.4022, 0.6495, 0.6117

Inverse Universe

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



24.3404, 18.5162, 19.4319



39.9596, 27.7856, 27.7706



24.7254, 21.0662, 14.0729



8.0952, 8.0513, 8.8122



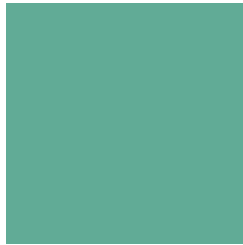
13.0912, 6.6990, 2.8596



0.3879, 0.1958, 0.2044

Previews

White Background



This preview shows how the XYZ color 24.9977, 33.8692, 34.0741 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 24.9977, 33.8692, 34.0741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

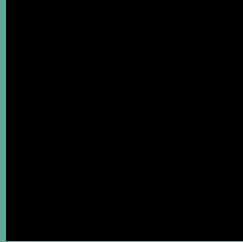
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.9977, 33.8692, 34.0741

Background



This preview shows how black text looks on a background with the XYZ color 24.9977, 33.8692, 34.0741.

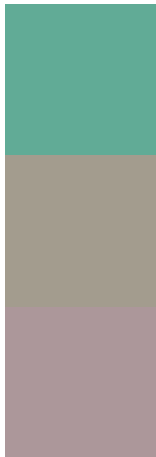


This preview shows how white text looks on a background with the XYZ color 24.9977, 33.8692,

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

24.9977, 33.8692, 34.0741

Protanopia

31.8752, 33.5165, 30.3805

Deuteranopia

33.9126, 33.2370, 35.1998



Tritanopia

27.8826, 33.9360, 48.2607

Trichromacy



Original Color

24.9977, 33.8692, 34.0741

Protanomaly

28.5032, 33.0230, 31.6599

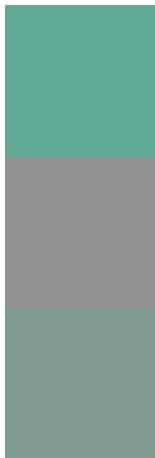
Deuteranomaly

29.6537, 32.7734, 34.9000

Tritanomaly

26.6436, 33.6946, 42.6356

Monochromacy



Original Color

24.9977, 33.8692, 34.0741

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.8899, 30.1385, 32.0565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9977, 33.8692, 34.0741 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(97, 171, 150)` looks like.

```
.text, #text, p{  
    color:rgb(97, 171, 150)  
}
```

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(97, 171, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 171, 150) }
```

Border

The CSS property to change the border of an element to XYZ 24.9977, 33.8692, 34.0741 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(97, 171, 150) }
```


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

```
.border{ border-color:rgb(97, 171, 150) }
```

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

Here you see how a box with a 4 pixel rgb(97, 171, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 171, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 171, 150);  
box-shadow:4px 4px 4px 4px rgb(97, 171,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9977, 33.8692, 34.0741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 171, 150) }
```

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

```
.background{ background-color: rgb(97, 171,  
150) }
```

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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