

Converting Colors

XYZ(23.4074, 33.0860, 32.3467)

Have a look what the booklet for
XYZ(23.4074, 33.0860, 32.3467)
contains.

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Color

**XYZ(23.4074, 33.0860,
32.3467)**

Conversions

Conversions Part 1

Format	Color
Hex	54AB92
RGB	84, 171, 146
RGB Percent	33%, 67%, 57%
CMY	0.6706, 0.3294, 0.4274
CMYK	0.51, 0.00, 0.15, 0.33
HSL	163°, 34%, 50%
HSV	163°, 51%, 67%
XYZ	23.4074, 33.0860, 32.3467
YIQ	142.1370, -43.8270, -26.2190

Conversions

Conversions Part 2

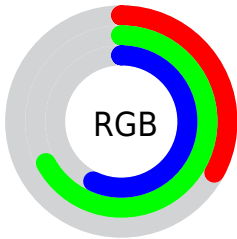
Format	Color
RYB	84, 135, 171
Decimal	5548946
CIELab	64.23, -32.41, 4.88
CIELCh	64, 32.779, 171.442
Yxy	33.0860, 0.2635, 0.3724
Android (android.graphics.Color)	4283739026 (0xFF54AB92)
YUV	142.1370, 1.9045, -50.9861
Hunter-Lab	57.5204, -28.0219, 6.9225

Details

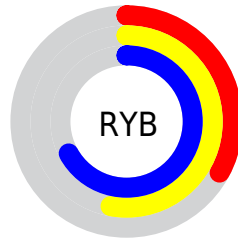
The XYZ color **23.4074, 33.0860, 32.3467** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **22.7264, 16.1036, 16.3797**, and the grayscale version is **25.7713, 27.1134, 29.5265**.

A 20% lighter version of the original color is **48.5419, 64.5973, 64.5537**, and **8.9206, 13.9720, 13.2930** is the 20% darker color. If you saturate the color by 10%, you get **21.6858, 32.2425, 30.3138**, and if you desaturate by 10%, it is **25.5209, 34.1313, 34.4852**.

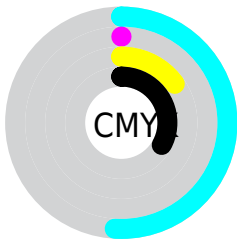
Distribution



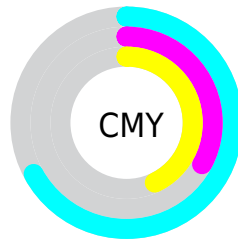
- Red (33%)
- Green (67%)
- Blue (57%)



- Red (33%)
- Yellow (53%)
- Blue (67%)



- Cyan (51%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)





- Cyan (67%)
- Magenta (33%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.4074, 33.0860, 32.3467 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 23.4074, 33.0860, 32.3467 by changing the saturation by 10% instead.


 23.4074, 33.0860,
32.3467


 23.4074, 33.0860,
32.3467


262.3071,
316.0371, 327.2368


 15.0170, 22.1923,
21.3594


 48.5232, 64.5098,
64.4584


 8.9177, 13.9983,
13.1932


 65.9792, 85.8087,
86.4200

 4.7442, 8.1195,
7.4294


 87.1878, 111.3448,
112.8767

 2.1312, 4.1715,
3.6496

 112.5144,
141.5025, 144.2471

 0.7061, 1.7700,
1.4351

142.3242,
176.6661, 180.9498

 0.0000, 0.4683,
0.1689

176.9827,

 0.0000, 0.0000,

217.2202, 223.4033

0.0000

216.8552,
263.5491, 272.0261

■ 23.4074, 33.0860,
32.3467

■ 23.4074, 33.0860,
32.3467

■ 21.6858, 32.2425,
30.3138

■ 25.5209, 34.1313,
34.4852

■ 20.3254, 31.5826,
28.3819

■ 28.0487, 35.3873,
36.7291

■ 19.2955, 31.0912,
26.5491

■ 31.0146, 36.8673,
39.0814

■ 18.5586, 30.7490,
24.8125

■ 34.4398, 38.5821,
41.5442

■ 18.0678, 30.5287,
23.3077

■ 38.3441, 40.5419,
44.1192

■ 42.7462, 42.7563,
46.8083

■ 47.6637, 45.2344,
49.6134

■ 53.1133, 47.9847,
52.5361

■ 59.1110, 51.0155,
55.5781

Harmonies

Analogous

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



24.9600, 33.0860, 22.3036



23.4074, 33.0860, 32.3467



23.8365, 33.0860, 46.2214

Triad

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



23.4074, 33.0860, 32.3467



34.8308, 33.0860, 65.5072



37.3569, 33.0860, 19.4802

Complementary

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



23.4074, 33.0860, 32.3467



22.7264, 16.1036, 16.3797

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.



40.5267, 33.0860, 27.4506



23.4074, 33.0860, 32.3467



38.9711, 33.0860, 54.4620

Square

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



23.4074, 33.0860, 32.3467



30.1352, 33.0860, 67.7481



41.1448, 33.0860, 39.9722



32.7969, 33.0860, 16.1708

Rectangle

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



23.4074, 33.0860, 32.3467



25.2088, 33.0860, 55.7729



41.1448, 33.0860, 39.9722



38.6383, 33.0860, 21.5941

Sweetspot

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



23.4083, 33.0873, 32.3475



58.8817, 67.6951, 72.4403



22.6071, 33.0887, 13.5833



12.8525, 14.9569, 15.9535



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.



23.4083, 33.0873, 32.3475



38.5105, 57.5834, 53.8629



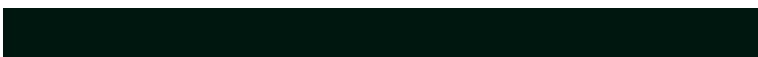
22.4976, 27.8057, 42.7109



8.1367, 9.0322, 9.7449



13.6434, 23.0226, 17.6939



0.4016, 0.6493, 0.6084

Inverse Universe

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



22.7264, 16.1036, 16.3797



37.1759, 23.7363, 22.1623



23.0885, 18.6842, 10.7776



8.0964, 8.0518, 8.8183



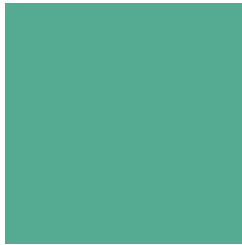
13.1010, 6.7030, 2.9115



0.3883, 0.1960, 0.2068

Previews

White Background



This preview shows how the XYZ color 23.4074, 33.0860, 32.3467 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 23.4074, 33.0860, 32.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

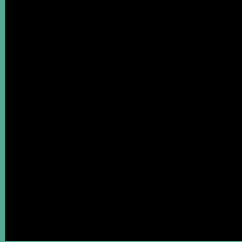
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.4074, 33.0860, 32.3467

Background



This preview shows how black text looks on a background with the XYZ color 23.4074, 33.0860, 32.3467.

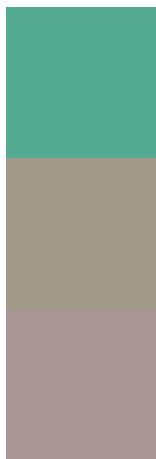


This preview shows how white text looks on a background with the XYZ color 23.4074, 33.0860,

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

23.4074, 33.0860, 32.3467

Protanopia

30.9712, 32.5987, 28.3267

Deuteranopia

33.2868, 32.7050, 33.8364



Tritanopia

26.4905, 32.9474, 48.1433

Trichromacy



Original Color

23.4074, 33.0860, 32.3467

Protanomaly

27.1359, 32.1034, 29.5773

Deuteranomaly

28.2991, 32.1126, 33.1406

Tritanomaly

25.2870, 33.0061, 42.0838

Monochromacy



Original Color

23.4074, 33.0860, 32.3467

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.2343, 28.8306, 30.2742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4074, 33.0860, 32.3467 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(84, 171, 146)` looks like.

```
.text, #text, p{  
    color:rgb(84, 171, 146)  
}
```

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(84, 171, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 171, 146) }
```

Border

The CSS property to change the border of an element to XYZ 23.4074, 33.0860, 32.3467 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(84, 171, 146) }
```


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

```
.border{ border-color:rgb(84, 171, 146) }
```

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

Here you see how a box with a 4 pixel rgb(84, 171, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 171, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 171, 146);  
box-shadow:4px 4px 4px 4px rgb(84, 171,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4074, 33.0860, 32.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 171, 146) }
```

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

```
.background{ background-color: rgb(84, 171,  
146) }
```

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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