

Converting Colors

XYZ(24.6066, 33.4909, 35.2624)

Have a look what the booklet for
XYZ(24.6066, 33.4909, 35.2624)
contains.

XYZ(24.5381, 33.3247, 35.2760)	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(24.5381, 33.3247,
35.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	5CAA99
RGB	92, 170, 153
RGB Percent	36%, 67%, 60%
CMY	0.6392, 0.3333, 0.4000
CMYK	0.46, 0.00, 0.10, 0.33
HSL	167°, 31%, 51%
HSV	167°, 46%, 67%
XYZ	24.5381, 33.3247, 35.2760
YIQ	144.7400, -41.0310, -21.8230

Conversions

Conversions Part 2

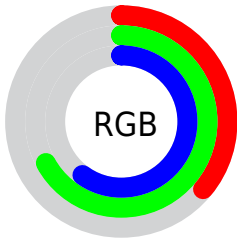
Format	Color
RYB	92, 136, 170
Decimal	6072985
CIELab	64.42, -28.28, 1.30
CIElCh	64, 28.307, 177.373
Yxy	33.3247, 0.2635, 0.3578
Android (android.graphics.Color)	4284263065 (0xFF5CAA99)
YUV	144.7400, 4.0722, -46.2530
Hunter-Lab	57.7275, -25.1487, 4.1785

Details

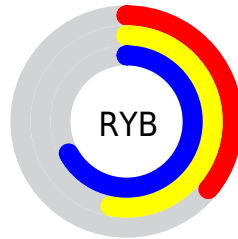
The XYZ color **24.5381, 33.3247, 35.2760** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.1661, 17.3053, 16.5884**, and the grayscale version is **26.8048, 28.2008, 30.7106**.

A 20% lighter version of the original color is **50.4915, 65.1008, 68.9360**, and **9.4527, 14.0392, 14.7820** is the 20% darker color. If you saturate the color by 10%, you get **22.7256, 32.4260, 33.6188**, and if you desaturate by 10%, it is **26.7431, 34.4263, 37.0027**.

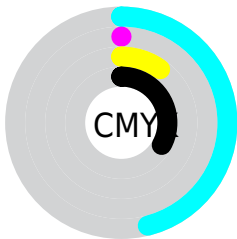
Distribution



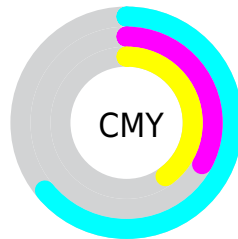
- Red (36%)
- Green (67%)
- Blue (60%)



- Red (36%)
- Yellow (53%)
- Blue (67%)



- Cyan (46%)
- Magenta (0%)
- Yellow (10%)
- Black (33%)



- Cyan (64%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5381, 33.3247, 35.2760 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 24.5381, 33.3247, 35.2760 by changing the saturation by 10% instead.

■ 24.5381, 33.3247,
35.2760

■ 24.5381, 33.3247,
35.2760

267.9200,
317.1103, 340.7261

■ 15.8602, 22.3753,
23.5903

■ 50.3552, 64.8821,
69.0695

■ 9.5155, 14.1329,
14.8206

■ 68.2251, 86.2590,
92.0144

■ 5.1387, 8.2132,
8.5484

■ 89.8896, 111.8804,
119.5495

■ 2.3645, 4.2317,
4.3550

■ 115.7142,
142.1308, 152.0933

■ 0.8273, 1.8040,
1.8221

146.0642,
177.3946, 190.0643

■ 0.0000, 0.4896,
0.4424

181.3049,

■ 0.0000, 0.0000,

218.0562, 233.8811

0.0000

221.8017,
264.5000, 283.9622

■ 24.5381, 33.3247,
35.2760

■ 24.5381, 33.3247,
35.2760

■ 22.7256, 32.4260,
33.6188

■ 26.7431, 34.4263,
37.0027

■ 21.2768, 31.7128,
32.0271

■ 29.3612, 35.7390,
38.7980

■ 20.1636, 31.1716,
30.4998

■ 32.4151, 37.2752,
40.6642

■ 19.3525, 30.7850,
29.0349

■ 35.9247, 39.0452,
42.6027

■ 18.7991, 30.5303,
27.6299

■ 39.9089, 41.0587,
44.6147

■ 18.6053, 30.4427,
27.0667

■ 44.3854, 43.3249,
46.7016

■ 49.3712, 45.8524,
48.8644

■ 54.8821, 48.6496,
51.1044

■ 60.9336, 51.7242,
53.4227

Harmonies

Analogous

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



25.5784, 33.3247, 25.5740



24.5381, 33.3247, 35.2760



25.2712, 33.3247, 47.4913

Triad

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



24.5381, 33.3247, 35.2760



35.3773, 33.3247, 59.8123



36.0445, 33.3247, 20.6029

Complementary

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



24.5381, 33.3247, 35.2760



23.1661, 17.3053, 16.5884

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.



39.0763, 33.3247, 26.9966



24.5381, 33.3247, 35.2760



38.6687, 33.3247, 49.6333

Square

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



24.5381, 33.3247, 35.2760



31.3198, 33.3247, 63.3182



40.0747, 33.3247, 37.3129



32.0311, 33.3247, 18.3055

Rectangle

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



24.5381, 33.3247, 35.2760



26.7046, 33.3247, 55.2143



40.0747, 33.3247, 37.3129



37.2248, 33.3247, 22.2674

Sweetspot

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



24.5390, 33.3260, 35.2768



59.7908, 68.1226, 74.3416



22.7628, 32.8514, 15.2669



13.0523, 15.0499, 16.4162



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.



24.5390, 33.3260, 35.2768



41.1975, 58.8143, 60.9613



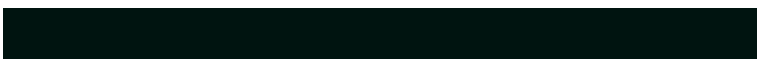
22.4494, 26.7370, 42.0093



7.6765, 8.5036, 9.2826



13.7070, 22.4016, 20.0217



0.3505, 0.5518, 0.5764

Inverse Universe

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



23.1661, 17.3053, 16.5884



38.4130, 26.1056, 22.8983



24.3932, 21.0854, 12.9099



7.5956, 7.5681, 8.1875



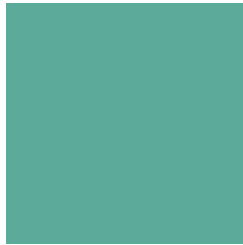
12.4586, 6.3922, 1.9607



0.3211, 0.1627, 0.1422

Previews

White Background



This preview shows how the XYZ color 24.5381, 33.3247, 35.2760 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 24.5381, 33.3247, 35.2760 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

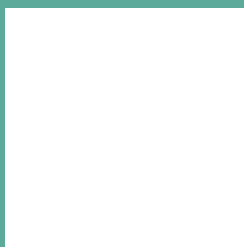
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5381, 33.3247, 35.2760

Background



This preview shows how black text looks on a background with the XYZ color 24.5381, 33.3247, 35.2760.



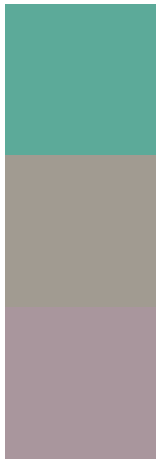
This preview shows how white text looks on a background with the XYZ color 24.5381, 33.3247,

35.2760.

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

24.5381, 33.3247, 35.2760

Protanopia

31.5301, 33.0641, 31.5083

Deuteranopia

33.3543, 32.6820, 36.4486



Tritanopia

27.1300, 33.2770, 48.1732

Trichromacy



Original Color

24.5381, 33.3247, 35.2760

Protanomaly

28.0694, 32.5140, 32.8134

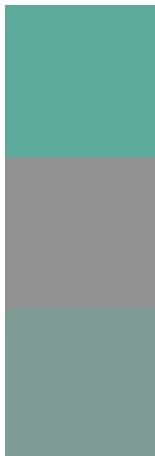
Deuteranomaly

29.0422, 32.1770, 36.1326

Tritanomaly

26.0042, 33.0811, 43.0449

Monochromacy



Original Color

24.5381, 33.3247, 35.2760

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.5051, 29.6849, 32.4025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5381, 33.3247, 35.2760 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(92, 170, 153)` looks like.

```
.text, #text, p{  
    color:rgb(92, 170, 153)  
}
```

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(92, 170, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 170, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.5381, 33.3247, 35.2760 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(92, 170, 153) }
```


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

```
.border{ border-color:rgb(92, 170, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 170, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 170, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 170, 153);  
box-shadow:4px 4px 4px 4px rgb(92, 170,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5381, 33.3247, 35.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 170, 153) }
```

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

```
.background{ background-color: rgb(92, 170,  
153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor