

Converting Colors

XYZ(33.5900, 39.9346, 24.7309)

Have a look what the booklet for
XYZ(33.5900, 39.9346, 24.7309)
contains.

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Color

**XYZ(33.5977, 39.9543,
24.6801)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B07B
RGB	160, 176, 123
RGB Percent	63%, 69%, 48%
CMY	0.3725, 0.3098, 0.5176
CMYK	0.09, 0.00, 0.30, 0.31
HSL	78°, 25%, 59%
HSV	78°, 30%, 69%
XYZ	33.5977, 39.9543, 24.6801
YIQ	165.1740, 7.4770, -19.8750

Conversions

Conversions Part 2

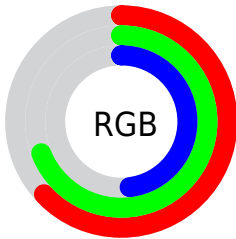
Format	Color
RYB	123, 176, 139
Decimal	10530939
CIELab	69.44, -14.73, 25.36
CIELCh	69, 29.330, 120.152
Yxy	39.9543, 0.3420, 0.4067
Android (android.graphics.Color)	4288721019 (0xFFA0B07B)
YUV	165.1740, -20.7918, -4.5376
Hunter-Lab	63.2094, -15.7384, 21.0968

Details

The XYZ color **33.5977, 39.9543, 24.6801** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.5685, 22.7906, 44.1279**, and the grayscale version is **35.9427, 37.8145, 41.1800**.

A 20% lighter version of the original color is **64.7174, 75.2949, 52.1967**, and **14.5033, 17.8485, 9.1593** is the 20% darker color. If you saturate the color by 10%, you get **31.5540, 39.0181, 19.3412**, and if you desaturate by 10%, it is **35.8869, 40.9967, 31.0661**.

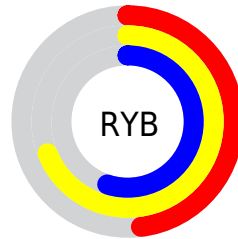
Distribution



Red (63%)

Green (69%)

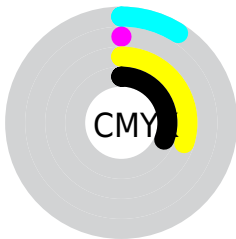
Blue (48%)



Red (48%)

Yellow (69%)

Blue (55%)

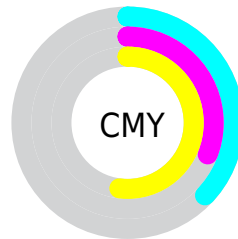


Cyan (9%)

Magenta (0%)

Yellow (30%)

Black (31%)



Cyan (37%)


Magenta (31%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5977, 39.9543, 24.6801 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 33.5977, 39.9543, 24.6801 by changing the saturation by 10% instead.


 33.5977, 39.9543,
24.6801


 33.5977, 39.9543,
24.6801


309.9520,
345.9309, 289.6376


 22.7461, 27.5029,
15.6220


 64.6560, 75.0939,
52.0954

 14.5258, 17.9513,
9.1056


 85.5935, 98.5509,
71.2898

 8.5714, 10.9150,
4.7124


 110.6236,
126.4453, 94.7000

 4.5176, 6.0097,
2.0238

140.1118,
159.1614, 122.7446

 1.9989, 2.8510,
0.5698

174.4234,
197.0836, 155.8421

 0.6333, 1.0544,
0.0000

213.9237,

 0.0000, 0.0000,

240.5963, 194.4111

0.0000

258.9782,
290.0840, 238.8700

■ 33.5977, 39.9543,
24.6801

■ 33.5977, 39.9543,
24.6801

■ 31.5540, 39.0181,
19.3412

■ 35.8869, 40.9967,
31.0661

■ 29.7417, 38.1782,
14.9909

■ 38.4291, 42.1443,
38.5485

■ 28.1496, 37.4315,
11.5690


■ 41.2349, 43.4027,
47.1765


■ 26.7642, 36.7726,
9.0073


■ 44.3135, 44.7756,
56.9954


■ 25.5702, 36.1952,
7.2288

■ 47.6736, 46.2666,
68.0483

 24.5498, 35.6921,
6.1422

 51.3234, 47.8791,
80.3760

 23.6746, 35.2530,
5.5567

 55.2708, 49.6162,
94.0175

 58.0730, 50.9009,
101.3718

 59.5407, 51.6576,
101.4405

Harmonies

Analogous

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



37.9513, 39.9543, 22.3482



33.5977, 39.9543, 24.6801



30.6366, 39.9543, 31.8094

Triad

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



33.5977, 39.9543, 24.6801



33.6361, 39.9543, 70.1587



47.7907, 39.9543, 43.4347

Complementary

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



33.5977, 39.9543, 24.6801



25.5685, 22.7906, 44.1279

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.



46.4014, 39.9543, 57.7608



33.5977, 39.9543, 24.6801



37.9994, 39.9543, 75.0067

Square

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



33.5977, 39.9543, 24.6801



30.6574, 39.9543, 57.9049



42.7177, 39.9543, 70.0641



46.3740, 39.9543, 31.7128

Rectangle

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



33.5977, 39.9543, 24.6801



29.7187, 39.9543, 39.2085



42.7177, 39.9543, 70.0641



47.6350, 39.9543, 48.1012

Sweetspot

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



33.5987, 39.9561, 24.6810



70.1599, 76.6413, 71.3165



30.6992, 29.0977, 22.7379



15.0547, 16.5419, 15.0030



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.5987, 39.9561, 24.6810



58.4687, 71.3342, 38.2417



28.8697, 37.5182, 24.4596



8.9423, 9.7753, 9.0680



17.4309, 25.8960, 4.0797



0.6042, 0.8435, 0.1310

Inverse Universe

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



25.5685, 22.7906, 44.1279



41.6031, 35.2663, 79.1097



30.5213, 25.3438, 44.3597



8.2752, 8.3504, 10.6820



6.8854, 2.8854, 30.3310



0.2773, 0.1221, 0.9572

Previews

White Background



This preview shows how the XYZ color 33.5977, 39.9543, 24.6801 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 33.5977, 39.9543, 24.6801 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

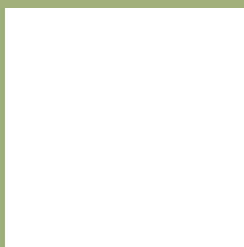
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5977, 39.9543, 24.6801

Background



This preview shows how black text looks on a background with the XYZ color 33.5977, 39.9543, 24.6801.



This preview shows how white text looks on a background with the XYZ color 33.5977, 39.9543,

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

33.5977, 39.9543, 24.6801

Protanopia

37.1066, 39.7993, 23.4956

Deuteranopia

40.5056, 39.6264, 25.2524



Tritanopia

38.5946, 39.7075, 49.8861

Trichromacy



Original Color

33.5977, 39.9543, 24.6801

Protanomaly

35.8829, 39.9995, 23.9186

Deuteranomaly

37.5280, 39.4324, 25.0353

Tritanomaly

36.5130, 39.6984, 39.4563

Monochromacy



Original Color

33.5977, 39.9543, 24.6801

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.7972, 38.3645, 34.4252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5977, 39.9543, 24.6801 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(160, 176, 123)` looks like.

```
.text, #text, p{  
    color:rgb(160, 176, 123)  
}
```

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(160, 176, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 176, 123) }
```

Border

The CSS property to change the border of an element to XYZ 33.5977, 39.9543, 24.6801 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(160, 176, 123) }
```


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

```
.border{ border-color:rgb(160, 176, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 176, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 176, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 176, 123);  
box-shadow:4px 4px 4px 4px rgb(160, 176,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5977, 39.9543, 24.6801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 176, 123) }
```

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

```
.background{ background-color: rgb(160,  
176, 123) }
```

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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