

Converting Colors

XYZ(33.5216, 24.3790, 26.5995)

Have a look what the booklet for
XYZ(33.5216, 24.3790, 26.5995)
contains.

XYZ(33.4888, 24.3936, 26.6103)	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(33.4888, 24.3936,
26.6103)**

Conversions

Conversions Part 1

Format	Color
Hex	C86A89
RGB	200, 106, 137
RGB Percent	78%, 42%, 54%
CMY	0.2157, 0.5843, 0.4627
CMYK	0.00, 0.47, 0.31, 0.22
HSL	340°, 46%, 60%
HSV	340°, 47%, 78%
XYZ	33.4888, 24.3936, 26.6103
YIQ	137.6400, 46.0730, 29.5690

Conversions

Conversions Part 2

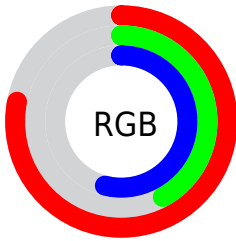
Format	Color
R_{YB}	200, 106, 137
Decimal	13134473
CIE _{Lab}	56.48, 40.74, -0.08
CIE _{LCh}	56, 40.736, 359.890
Yxy	24.3936, 0.3964, 0.2887
Android (android.graphics.Color)	4291324553 (0xFFC86A89)
YUV	137.6400, -0.3155, 54.6897
Hunter-Lab	49.3899, 34.5996, 2.6286

Details

The XYZ color **33.4888, 24.3936, 26.6103** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **33.7608, 47.2379, 44.8771**, and the grayscale version is **24.0100, 25.2604, 27.5086**.

A 20% lighter version of the original color is **62.9324, 49.7740, 55.0056**, and **14.4142, 9.2601, 10.0445** is the 20% darker color. If you saturate the color by 10%, you get **30.7603, 20.3809, 21.2477**, and if you desaturate by 10%, it is **36.8188, 29.4177, 32.7633**.

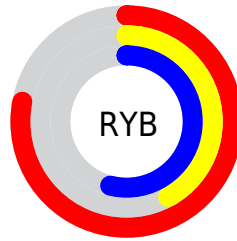
Distribution



Red (78%)

Green (42%)

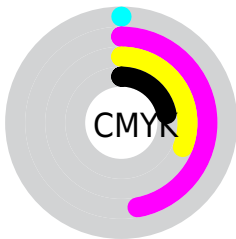
Blue (54%)



Red (78%)

Yellow (42%)

Blue (54%)

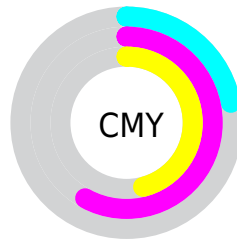


Cyan (0%)

Magenta (47%)

Yellow (31%)

Black (22%)



Cyan (22%)


Magenta (58%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4888, 24.3936, 26.6103 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 33.4888, 24.3936, 26.6103 by changing the saturation by 10% instead.

 33.4888, 24.3936,
26.6103


 33.4888, 24.3936,
26.6103

309.4728,
274.8044, 299.4655


 22.6622, 15.6259,
17.0509


 64.4875, 50.6717,
55.2540


 14.4636, 9.2598,
10.1085


 85.3903, 68.9509,
75.1754

 8.5276, 4.9110,
5.3644


 110.3825, 91.1694,
99.3879

 4.4890, 2.1951,
2.4002

 139.8296,
117.7115, 128.3100

 1.9823, 0.7173,
0.7865

174.0968,
148.9616, 162.3603

 0.6240, 0.0000,
0.0000

213.5494,

 0.0000, 0.0000,

185.3042, 201.9573

0.0000

258.5530,
227.1237, 247.5195

■ 33.4888, 24.3936,
26.6103

■ 33.4888, 24.3936,
26.6103

■ 30.7603, 20.3809,
21.2477

■ 36.8188, 29.4177,
32.7633

■ 28.5929, 17.3064,
16.6399

■ 40.7830, 35.5124,
39.7374

■ 26.9443, 15.0929,
12.7501


■ 45.4140, 42.7369,
47.5632


■ 25.7650, 13.6488,
9.5375

■ 50.7418, 51.1446,
56.2690


■ 24.9893, 12.8516,
6.9539


■ 56.7943, 60.7857,
65.8822

 24.8013, 12.6721,
6.2854

 63.5978, 71.7075,
76.4285

 71.1775, 83.9547,
87.9329

 75.9451, 90.3456,
99.2151

 77.6294, 91.0194,
108.0847

Harmonies

Analogous

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



31.9493, 24.3936, 41.8377



33.4888, 24.3936, 26.6103



31.9708, 24.3936, 15.6053

Triad

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



33.4888, 24.3936, 26.6103



18.9530, 24.3936, 9.8060



18.9267, 24.3936, 55.9617

Complementary

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



33.4888, 24.3936, 26.6103



33.7608, 47.2379, 44.8771

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.



16.1777, 24.3936, 41.7210



33.4888, 24.3936, 26.6103



16.1914, 24.3936, 15.5449

Square

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



33.4888, 24.3936, 26.6103



23.2028, 24.3936, 8.1332



15.2471, 24.3936, 26.5107



23.1680, 24.3936, 61.9217

Rectangle

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



33.4888, 24.3936, 26.6103



29.5330, 24.3936, 11.2361



15.2471, 24.3936, 26.5107



17.8194, 24.3936, 51.7901

Sweetspot

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



33.4895, 24.3948, 26.6108



81.0839, 77.8533, 86.4084



31.8712, 22.8778, 57.3797



16.9422, 16.0142, 17.8127



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



33.4895, 24.3948, 26.6108



53.3394, 35.4058, 36.9551



33.3405, 27.1586, 17.1222



10.7757, 10.6937, 11.8021



15.8068, 8.0723, 4.1924



0.7821, 0.3957, 0.3757

Inverse Universe

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



33.4895, 24.3948, 26.6108



53.3394, 35.4058, 36.9551



33.5799, 41.6547, 60.9139



10.7757, 10.6937, 11.8021



15.8068, 8.0723, 4.1924



0.7821, 0.3957, 0.3757

Previews

White Background



This preview shows how the XYZ color 33.4888, 24.3936, 26.6103 looks on a white background.

Color Contrast Check

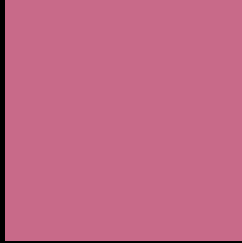
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4888, 24.3936, 26.6103 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 × Fail

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

XYZ 33.4888, 24.3936, 26.6103

Background



This preview shows how black text looks on a background with the XYZ color 33.4888, 24.3936, 26.6103.



This preview shows how white text looks on a background with the XYZ color 33.4888, 24.3936,

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

33.4888, 24.3936, 26.6103

Protanopia

24.1696, 24.6476, 34.0554

Deuteranopia

24.9276, 24.4101, 25.5881



Tritanopia

32.1346, 24.4656, 20.1682

Trichromacy



Original Color

33.4888, 24.3936, 26.6103

Protanomaly

26.4576, 23.7215, 31.2012

Deuteranomaly

27.4111, 23.9651, 25.7353

Tritanomaly

32.7235, 24.5601, 22.4179

Monochromacy



Original Color

33.4888, 24.3936, 26.6103

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.7462, 24.3338, 27.3320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4888, 24.3936, 26.6103 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(200, 106, 137)` looks like.

```
.text, #text, p{  
    color:rgb(200, 106, 137)  
}
```

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(200, 106, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 106, 137) }
```

Border

The CSS property to change the border of an element to XYZ 33.4888, 24.3936, 26.6103 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(200, 106, 137) }
```


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

```
.border{ border-color:rgb(200, 106, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 106, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 106, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 106, 137);  
box-shadow:4px 4px 4px 4px rgb(200, 106,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4888, 24.3936, 26.6103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 106, 137) }
```

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

```
.background{ background-color: rgb(200,  
106, 137) }
```

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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