

Converting Colors

XYZ(33.2468, 24.3671, 28.4975)

Have a look what the booklet for
XYZ(33.2468, 24.3671, 28.4975)
contains.

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Color

**XYZ(33.1661, 24.3387,
28.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	C56B8E
RGB	197, 107, 142
RGB Percent	77%, 42%, 56%
CMY	0.2275, 0.5804, 0.4431
CMYK	0.00, 0.46, 0.28, 0.23
HSL	337°, 44%, 60%
HSV	337°, 46%, 77%
XYZ	33.1661, 24.3387, 28.5410
YIQ	137.9000, 42.4050, 29.9650

Conversions

Conversions Part 2

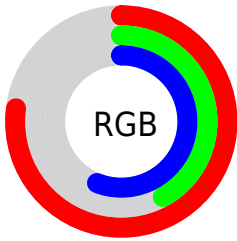
Format	Color
R_{YB}	197, 107, 142
Decimal	12938126
CIE _{Lab}	56.43, 39.83, -3.13
CIE _{LCh}	56, 39.955, 355.513
Yxy	24.3387, 0.3854, 0.2829
Android (android.graphics.Color)	4291128206 (0xFFC56B8E)
YUV	137.9000, 2.0213, 51.8307
Hunter-Lab	49.3343, 33.6658, 0.2334

Details

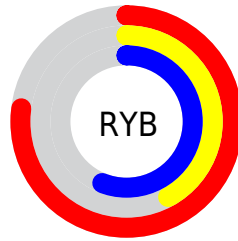
The XYZ color **33.1661, 24.3387, 28.5410** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **32.5524, 45.6675, 41.2837**, and the grayscale version is **24.1013, 25.3564, 27.6131**.

A 20% lighter version of the original color is **63.7746, 50.3871, 58.5890**, and **14.3304, 9.2638, 11.1580** is the 20% darker color. If you saturate the color by 10%, you get **30.4856, 20.3470, 23.4261**, and if you desaturate by 10%, it is **36.4135, 29.3076, 34.3271**.

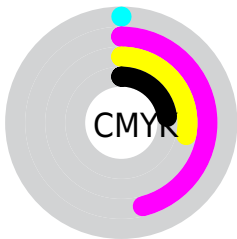
Distribution



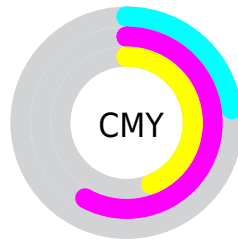
- Red (77%)
- Green (42%)
- Blue (56%)



- Red (77%)
- Yellow (42%)
- Blue (56%)



- Cyan (0%)
- Magenta (46%)
- Yellow (28%)
- Black (23%)





- Cyan (23%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1661, 24.3387, 28.5410 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 33.1661, 24.3387, 28.5410 by changing the saturation by 10% instead.

 33.1661, 24.3387,
28.5410


 33.1661, 24.3387,
28.5410


308.0493,
274.5284, 309.0359


 22.4136, 15.5851,
18.4913


 63.9877, 50.5823,
58.3805


 14.2794, 9.2310,
11.1302

 84.7875, 68.8411,
79.0073

 8.3982, 4.8922,
6.0392


 109.6671, 91.0371,
103.9970

 4.4048, 2.1841,
2.7998

 138.9918,
117.5547, 133.7679

 1.9336, 0.7113,
0.9933

173.1270,
148.7782, 168.7388

 0.5962, 0.0000,
0.0000

212.4381,

 0.0000, 0.0000,

185.0920, 209.3280

0.0000

257.2904,
226.8806, 255.9542

■ 33.1661, 24.3387,
28.5410

■ 33.1661, 24.3387,
28.5410

■ 30.4856, 20.3470,
23.4261

■ 36.4135, 29.3076,
34.3271

■ 28.3347, 17.2632,
18.9539

■ 40.2577, 35.3095,
40.8083

■ 26.6745, 15.0147,
15.0958


■ 44.7292, 42.4003,
48.0088


■ 25.4594, 13.5159,
11.8197


■ 49.8556, 50.6309,
55.9512


■ 24.6338, 12.6612,
9.0890


■ 55.6626, 60.0489,
64.6571

 24.3516, 12.4006,
8.0584

 62.1748, 70.6992,
74.1469

 69.4154, 82.6242,
84.4405

 74.2652, 89.5820,
94.5098

 76.0972, 90.3148,
104.1572

Harmonies

Analogous

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



31.2539, 24.3387, 43.6712



33.1661, 24.3387, 28.5410



32.1108, 24.3387, 16.9847

Triad

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



33.1661, 24.3387, 28.5410



19.5145, 24.3387, 9.5345



18.4596, 24.3387, 53.4841

Complementary

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



33.1661, 24.3387, 28.5410



32.5524, 45.6675, 41.2837

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.



16.0074, 24.3387, 39.0366



33.1661, 24.3387, 28.5410



16.5572, 24.3387, 14.5491

Square

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



33.1661, 24.3387, 28.5410



23.8351, 24.3387, 8.3700



15.3600, 24.3387, 24.5600



22.4453, 24.3387, 60.8104

Rectangle

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



33.1661, 24.3387, 28.5410



29.9323, 24.3387, 12.1803



15.3600, 24.3387, 24.5600



17.4506, 24.3387, 49.1062

Sweetspot

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



33.1668, 24.3399, 28.5415



81.3839, 77.9733, 87.9883



30.0347, 22.1251, 55.5109



17.0148, 16.0432, 18.1952



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.



33.1668, 24.3399, 28.5415



54.5307, 36.3399, 41.8180



31.9261, 25.4239, 17.1361



10.8018, 10.7041, 11.9394



16.0554, 8.1717, 5.5017



0.7956, 0.4011, 0.4468

Inverse Universe

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



33.1668, 24.3399, 28.5415



54.5307, 36.3399, 41.8180



34.1255, 43.1241, 59.3485



10.8018, 10.7041, 11.9394



16.0554, 8.1717, 5.5017



0.7956, 0.4011, 0.4468

Previews

White Background



This preview shows how the XYZ color 33.1661, 24.3387, 28.5410 looks on a white background.

Color Contrast Check

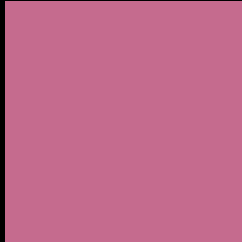
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1661, 24.3387, 28.5410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

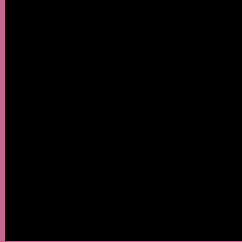
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.1661, 24.3387, 28.5410

Background



This preview shows how black text looks on a background with the XYZ color 33.1661, 24.3387, 28.5410.



This preview shows how white text looks on a background with the XYZ color 33.1661, 24.3387,

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

33.1661, 24.3387, 28.5410

Protanopia

24.2821, 24.6564, 36.2803

Deuteranopia

25.0515, 24.6334, 27.4791



Tritanopia

31.5199, 24.3029, 20.4824

Trichromacy



Original Color

33.1661, 24.3387, 28.5410

Protanomaly

26.6010, 23.9357, 33.3550

Deuteranomaly

27.4690, 24.1370, 27.6372

Tritanomaly

32.1716, 24.4199, 23.0966

Monochromacy



Original Color

33.1661, 24.3387, 28.5410

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.5476, 24.4138, 27.7392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1661, 24.3387, 28.5410 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(197, 107, 142)` looks like.

```
.text, #text, p{  
    color:rgb(197, 107, 142)  
}
```

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(197, 107, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 107, 142) }
```

Border

The CSS property to change the border of an element to XYZ 33.1661, 24.3387, 28.5410 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(197, 107, 142) }
```


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

```
.border{ border-color:rgb(197, 107, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 107, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 107, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 107, 142);  
box-shadow:4px 4px 4px 4px rgb(197, 107,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1661, 24.3387, 28.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 107, 142) }
```

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

```
.background{ background-color: rgb(197,  
107, 142) }
```

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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