

Converting Colors

XYZ(33.3726, 24.2141, 25.1052)

Have a look what the booklet for
XYZ(33.3726, 24.2141, 25.1052)
contains.

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Color

**XYZ(33.3726, 24.2141,
25.1052)**

Conversions

Conversions Part 1

Format	Color
Hex	C96985
RGB	201, 105, 133
RGB Percent	79%, 41%, 52%
CMY	0.2118, 0.5882, 0.4784
CMYK	0.00, 0.48, 0.34, 0.21
HSL	343°, 47%, 60%
HSV	343°, 48%, 79%
XYZ	33.3726, 24.2141, 25.1052
YIQ	136.8960, 48.2280, 29.0600

Conversions

Conversions Part 2

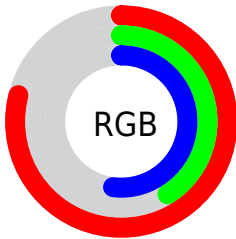
Format	Color
RYB	201, 105, 133
Decimal	13199749
CIELab	56.30, 41.09, 2.02
CIElCh	56, 41.144, 2.811
Yxy	24.2141, 0.4036, 0.2928
Android (android.graphics.Color)	4291389829 (0xFFC96985)
YUV	136.8960, -1.9207, 56.2192
Hunter-Lab	49.2078, 34.9445, 4.1965

Details

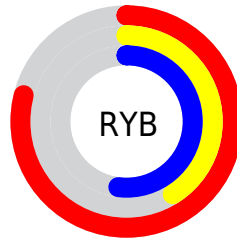
The XYZ color **33.3726, 24.2141, 25.1052** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **34.2563, 47.7942, 46.9574**, and the grayscale version is **23.7335, 24.9695, 27.1918**.

A 20% lighter version of the original color is **62.3298, 49.2589, 52.6772**, and **14.4210, 9.2077, 9.4047** is the 20% darker color. If you saturate the color by 10%, you get **30.6440, 20.2259, 19.6670**, and if you desaturate by 10%, it is **36.7197, 29.2256, 31.4080**.

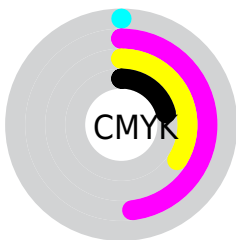
Distribution



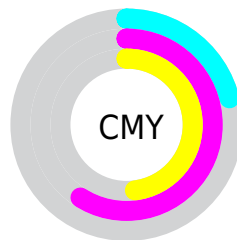
- Red (79%)
- Green (41%)
- Blue (52%)



- Red (79%)
- Yellow (41%)
- Blue (52%)



- Cyan (0%)
- Magenta (48%)
- Yellow (34%)
- Black (21%)





- Cyan (21%)
- Magenta (59%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3726, 24.2141, 25.1052 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 33.3726, 24.2141, 25.1052 by changing the saturation by 10% instead.

 33.3726, 24.2141,
25.1052


 33.3726, 24.2141,
25.1052


308.9607,
273.9011, 291.8259


 22.5726, 15.4925,
15.9357


 64.3076, 50.3794,
52.7941


 14.3972, 9.1658,
9.3248


 85.1734, 68.5918,
72.1505

 8.4810, 4.8495,
4.8540


 110.1251, 90.7367,
95.7398

 4.4586, 2.1592,
2.1046

 139.5281,
117.1984, 123.9802

 1.9647, 0.6976,
0.6185

173.7479,
148.3613, 157.2906

 0.6140, 0.0000,
0.0000

213.1496,

 0.0000, 0.0000,

184.6098, 196.0893

0.0000

258.0988,
226.3282, 240.7948

■ 33.3726, 24.2141,
25.1052

■ 33.3726, 24.2141,
25.1052

■ 30.6440, 20.2259,
19.6670

■ 36.7197, 29.2256,
31.4080

■ 28.4920, 17.1860,
15.0523

■ 40.7195, 35.3213,
38.6108

■ 26.8723, 15.0150,
11.2187


■ 45.4061, 42.5615,
46.7488


■ 25.7329, 13.6185,
8.1186


■ 50.8106, 51.0011,
55.8548


■ 25.0006, 12.8610,
5.6949

■ 56.9620, 60.6914,
65.9598

 24.8670, 12.7293,
5.2323

 63.8879, 71.6806,
77.0935

 71.6144, 84.0144,
89.2844

 76.6215, 90.6471,
101.3782

 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



32.1125, 24.2141, 40.1828



33.3726, 24.2141, 25.1052



31.5575, 24.2141, 14.5981

Triad

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



33.3726, 24.2141, 25.1052



18.4203, 24.2141, 9.9477



19.0959, 24.2141, 57.0713

Complementary

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



33.3726, 24.2141, 25.1052



34.2563, 47.7942, 46.9574

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.



16.1722, 24.2141, 43.1921



33.3726, 24.2141, 25.1052



15.8214, 24.2141, 16.1451

Square

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



33.3726, 24.2141, 25.1052



22.5706, 24.2141, 7.9417



15.0581, 24.2141, 27.6663



23.4648, 24.2141, 61.9800

Rectangle

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



33.3726, 24.2141, 25.1052



28.9759, 24.2141, 10.5569



15.0581, 24.2141, 27.6663



17.9330, 24.2141, 53.1102

Sweetspot

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



33.3733, 24.2153, 25.1057



80.8923, 77.7767, 85.3994



32.6524, 23.1149, 57.9990



16.8959, 15.9957, 17.5689



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.



33.3733, 24.2153, 25.1057



52.4489, 34.6048, 33.6375



33.8708, 27.9042, 16.9670



10.7590, 10.6870, 11.7141



15.6704, 8.0177, 3.4743



0.7742, 0.3925, 0.3340

Inverse Universe

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



33.3733, 24.2153, 25.1057



52.4489, 34.6048, 33.6375



33.0563, 40.5952, 61.3518



10.7590, 10.6870, 11.7141



15.6704, 8.0177, 3.4743



0.7742, 0.3925, 0.3340

Previews

White Background



This preview shows how the XYZ color 33.3726, 24.2141, 25.1052 looks on a white background.

Color Contrast Check

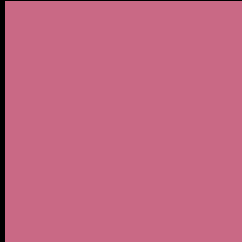
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3726, 24.2141, 25.1052 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 33.3726, 24.2141, 25.1052

Background



This preview shows how black text looks on a background with the XYZ color 33.3726, 24.2141, 25.1052.



This preview shows how white text looks on a background with the XYZ color 33.3726, 24.2141,

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

33.3726, 24.2141, 25.1052

Protanopia

23.8419, 24.5165, 32.3297

Deuteranopia

24.8412, 24.3969, 24.1687



Tritanopia

32.3344, 24.2654, 19.5025

Trichromacy



Original Color

33.3726, 24.2141, 25.1052

Protanomaly

26.3422, 23.6980, 29.5713

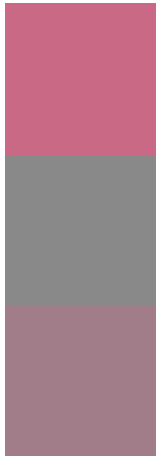
Deuteranomaly

27.3510, 23.9658, 24.3034

Tritanomaly

32.5900, 24.1999, 21.3657

Monochromacy



Original Color

33.3726, 24.2141, 25.1052

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.2748, 23.9184, 26.5244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3726, 24.2141, 25.1052 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(201, 105, 133)` looks like.

```
.text, #text, p{  
    color:rgb(201, 105, 133)  
}
```

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(201, 105, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 105, 133) }
```

Border

The CSS property to change the border of an element to XYZ 33.3726, 24.2141, 25.1052 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(201, 105, 133) }
```


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

```
.border{ border-color:rgb(201, 105, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 105, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 105, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 105, 133);  
box-shadow:4px 4px 4px 4px rgb(201, 105,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3726, 24.2141, 25.1052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 105, 133) }
```

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

```
.background{ background-color: rgb(201,  
105, 133) }
```

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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