

Converting Colors

XYZ(33.9757, 24.1140, 25.8474)

Have a look what the booklet for
XYZ(33.9757, 24.1140, 25.8474)
contains.

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Color

**XYZ(34.0264, 24.0894,
25.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6687
RGB	204, 102, 135
RGB Percent	80%, 40%, 53%
CMY	0.2000, 0.6000, 0.4706
CMYK	0.00, 0.50, 0.34, 0.20
HSL	341°, 50%, 60%
HSV	341°, 50%, 80%
XYZ	34.0264, 24.0894, 25.7780
YIQ	136.2600, 50.1990, 31.8870

Conversions

Conversions Part 2

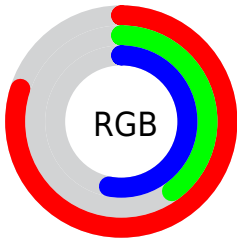
Format	Color
R_{YB}	204, 102, 135
Decimal	13395591
CIE _{Lab}	56.18, 43.92, 0.72
CIE _{LCh}	56, 43.925, 0.936
Yxy	24.0894, 0.4056, 0.2871
Android (android.graphics.Color)	4291585671 (0xFFCC6687)
YUV	136.2600, -0.6212, 59.4080
Hunter-Lab	49.0810, 37.8572, 3.2167

Details

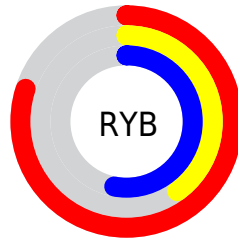
The XYZ color **34.0264, 24.0894, 25.7780** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **34.4243, 48.9514, 46.1651**, and the grayscale version is **23.4890, 24.7123, 26.9117**.

A 20% lighter version of the original color is **62.2056, 48.6678, 53.6922**, and **14.8129, 9.1401, 9.5778** is the 20% darker color. If you saturate the color by 10%, you get **31.3530, 20.1981, 20.3997**, and if you desaturate by 10%, it is **37.3203, 29.0200, 31.9851**.

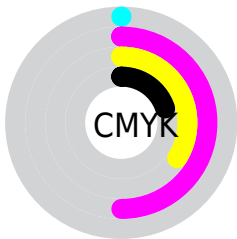
Distribution



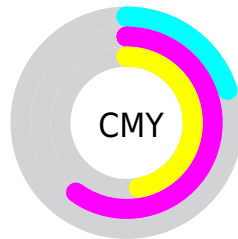
- Red (80%)
- Green (40%)
- Blue (53%)



- Red (80%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (50%)
- Yellow (34%)
- Black (20%)





- Cyan (20%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0264, 24.0894, 25.7780 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 34.0264, 24.0894, 25.7780 by changing the saturation by 10% instead.


 34.0264, 24.0894,
25.7780


 34.0264, 24.0894,
25.7780


311.8336,
273.2721, 295.2613


 23.0769, 15.4000,
16.4334


 65.3187, 50.1760,
53.8963


 14.7713, 9.1006,
9.6737


 86.3923, 68.3420,
73.5070

 8.7443, 4.8068,
5.0804


 111.5711, 90.4357,
97.3768

 4.6305, 2.1344,
2.2349

 141.2208,
116.8413, 125.9242

 2.0647, 0.6839,
0.6944

175.7065,
147.9434, 159.5679

 0.6699, 0.0000,
0.0000

215.3936,

 0.0000, 0.0000,

184.1263, 198.7262

0.0000

260.6475,
225.7744, 243.8179

■ 34.0264, 24.0894,
25.7780

■ 34.0264, 24.0894,
25.7780

■ 31.3530, 20.1981,
20.3997

■ 37.3203, 29.0200,
31.9851

■ 29.2565, 17.2669,
15.8112

■ 41.2705, 35.0542,
39.0547

■ 27.6905, 15.2108,
11.9720


■ 45.9121, 42.2556,
47.0199


■ 26.5998, 13.9284,
8.8368

■ 51.2772, 50.6816,
55.9118


■ 25.8852, 13.2308,
6.3433


■ 57.3958, 60.3859,
65.7599

 25.8850, 13.2307,
6.3427

 64.2962, 71.4190,
76.5924

 72.0052, 83.8288,
88.4360

 77.2054, 90.9748,
100.2025

 78.7119, 91.5774,
108.1354

Harmonies

Analogous

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



32.4624, 24.0894, 42.1674



34.0264, 24.0894, 25.7780



32.2628, 24.0894, 14.3849

Triad

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



34.0264, 24.0894, 25.7780



18.2637, 24.0894, 8.8907



18.5008, 24.0894, 58.7671

Complementary

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



34.0264, 24.0894, 25.7780



34.4243, 48.9514, 46.1651

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.



15.5445, 24.0894, 43.2555



34.0264, 24.0894, 25.7780



15.4224, 24.0894, 14.9181

Square

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



34.0264, 24.0894, 25.7780



22.7381, 24.0894, 7.1064



14.5039, 24.0894, 26.6858



23.0551, 24.0894, 64.9544

Rectangle

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



34.0264, 24.0894, 25.7780



29.5678, 24.0894, 10.0341



14.5039, 24.0894, 26.6858



17.3123, 24.0894, 54.2451

Sweetspot

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



34.0271, 24.0906, 25.7785



80.1486, 76.4210, 84.7458



32.2291, 22.4099, 59.7537



16.7561, 15.7315, 17.4751



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.



34.0271, 24.0906, 25.7785



51.6176, 33.0132, 33.1409



33.8979, 26.9917, 15.9953



11.3594, 11.2725, 12.4273



16.3305, 8.3428, 4.1929



0.8772, 0.4443, 0.3995

Inverse Universe

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



34.0271, 24.0906, 25.7785



51.6176, 33.0132, 33.1409



34.1498, 42.7259, 63.5739



11.3594, 11.2725, 12.4273



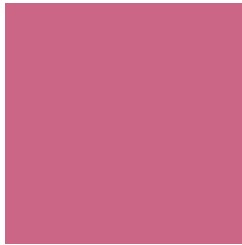
16.3305, 8.3428, 4.1929



0.8772, 0.4443, 0.3995

Previews

White Background



This preview shows how the XYZ color 34.0264, 24.0894, 25.7780 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 34.0264, 24.0894, 25.7780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

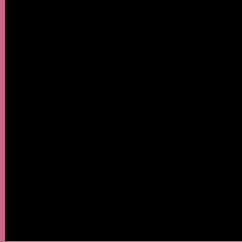
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0264, 24.0894, 25.7780

Background



This preview shows how black text looks on a background with the XYZ color 34.0264, 24.0894, 25.7780.



This preview shows how white text looks on a background with the XYZ color 34.0264, 24.0894,

25.7780.

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

34.0264, 24.0894, 25.7780

Protanopia

23.8736, 24.2888, 34.0018

Deuteranopia

24.7232, 24.3283, 24.5119



Tritanopia

32.5484, 24.0795, 18.8519

Trichromacy



Original Color

34.0264, 24.0894, 25.7780

Protanomaly

26.3265, 23.2948, 30.7125

Deuteranomaly

27.4589, 23.6449, 24.9465

Tritanomaly

33.1930, 24.2048, 21.3349

Monochromacy



Original Color

34.0264, 24.0894, 25.7780

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.3495, 23.7699, 26.4918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0264, 24.0894, 25.7780 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(204, 102, 135)` looks like.

```
.text, #text, p{  
    color:rgb(204, 102, 135)  
}
```

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(204, 102, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 102, 135) }
```

Border

The CSS property to change the border of an element to XYZ 34.0264, 24.0894, 25.7780 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(204, 102, 135) }
```


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

```
.border{ border-color:rgb(204, 102, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 102, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 102, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 102, 135);  
box-shadow:4px 4px 4px 4px rgb(204, 102,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0264, 24.0894, 25.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 102, 135) }
```

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

```
.background{ background-color: rgb(204,  
102, 135) }
```

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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