

Converting Colors

XYZ(34.2016, 24.2253, 28.1483)

Have a look what the booklet for
XYZ(34.2016, 24.2253, 28.1483)
contains.

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Color

**XYZ(34.2866, 24.3201,
28.0864)**

Conversions

Conversions Part 1

Format	Color
Hex	CB678D
RGB	203, 103, 141
RGB Percent	80%, 40%, 55%
CMY	0.2039, 0.5961, 0.4471
CMYK	0.00, 0.49, 0.31, 0.20
HSL	337°, 49%, 60%
HSV	337°, 49%, 80%
XYZ	34.2866, 24.3201, 28.0864
YIQ	137.2320, 47.4020, 33.0180

Conversions

Conversions Part 2

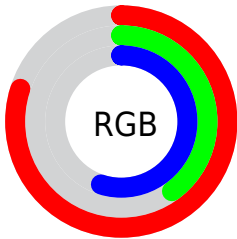
Format	Color
R_{YB}	203, 103, 141
Decimal	13330317
CIE _{Lab}	56.41, 43.83, -2.47
CIE _{LCh}	56, 43.902, 356.769
Yxy	24.3201, 0.3955, 0.2805
Android (android.graphics.Color)	4291520397 (0xFFC678D)
YUV	137.2320, 1.8576, 57.6785
Hunter-Lab	49.3154, 37.8004, 0.7536

Details

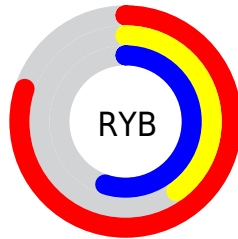
The XYZ color **34.2866, 24.3201, 28.0864** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **33.7422, 48.3128, 43.1469**, and the grayscale version is **23.8470, 25.0889, 27.3218**.

A 20% lighter version of the original color is **63.1473, 49.3141, 57.8201**, and **14.9262, 9.2340, 10.8932** is the 20% darker color. If you saturate the color by 10%, you get **31.6231, 20.4076, 22.8375**, and if you desaturate by 10%, it is **37.5481, 29.2578, 34.0602**.

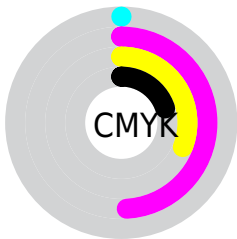
Distribution



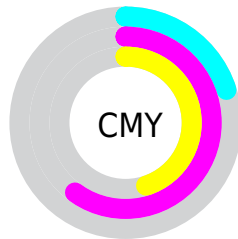
- Red (80%)
- Green (40%)
- Blue (55%)



- Red (80%)
- Yellow (40%)
- Blue (55%)



- Cyan (0%)
- Magenta (49%)
- Yellow (31%)
- Black (20%)





- Cyan (20%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2866, 24.3201, 28.0864 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 34.2866, 24.3201, 28.0864 by changing the saturation by 10% instead.


 34.2866, 24.3201,
28.0864


 34.2866, 24.3201,
28.0864


312.9716,
274.4348, 306.8045


 23.2778, 15.5712,
18.1512


 65.7204, 50.5521,
57.6471


 14.9206, 9.2213,
10.8880


 86.8762, 68.8039,
78.1097

 8.8496, 4.8858,
5.8784


 112.1450, 90.9923,
102.9185

 4.6995, 2.1804,
2.7037

 141.8921,
117.5015, 132.4920

 2.1050, 0.7093,
0.9453

176.4830,
148.7160, 167.2489

 0.6919, 0.0000,
0.0000

216.2829,

 0.0000, 0.0000,

185.0201, 207.6075

0.0000

261.6574,
226.7982, 253.9865

■ 34.2866, 24.3201,
28.0864

■ 34.2866, 24.3201,
28.0864

■ 31.6231, 20.4076,
22.8375

■ 37.5481, 29.2578,
34.0602

■ 29.5158, 17.4430,
18.2815

■ 41.4413, 35.2834,
40.7863

■ 27.9207, 15.3441,
14.3855


■ 45.9998, 42.4588,
48.2919


■ 26.7853, 14.0123,
11.1123

■ 51.2542, 50.8401,
56.6025


■ 26.0226, 13.2803,
8.4122


■ 57.2332, 60.4797,
65.7424

 25.9730, 13.2343,
8.2315

 63.9636, 71.4270,
75.7347

 71.4710, 83.7287,
86.6016

 76.3698, 90.6090,
97.2277

 78.3231, 91.3903,
107.5137

Harmonies

Analogous

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



32.2728, 24.3201, 44.9303



34.2866, 24.3201, 28.0864



32.9644, 24.3201, 15.7855

Triad

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



34.2866, 24.3201, 28.0864



18.9945, 24.3201, 8.5495



18.1713, 24.3201, 57.3967

Complementary

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



34.2866, 24.3201, 28.0864



33.7422, 48.3128, 43.1469

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.



15.4542, 24.3201, 41.1613



34.2866, 24.3201, 28.0864



15.8784, 24.3201, 13.9316

Square

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



34.2866, 24.3201, 28.0864



23.6697, 24.3201, 7.2351



14.6801, 24.3201, 24.9369



22.5701, 24.3201, 65.3123

Rectangle

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



34.2866, 24.3201, 28.0864



30.4614, 24.3201, 10.8956



14.6801, 24.3201, 24.9369



17.0572, 24.3201, 52.4960

Sweetspot

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



34.2873, 24.3213, 28.0869



80.4524, 76.5425, 86.3455



31.0787, 21.9774, 59.1042



16.8288, 15.7606, 17.8578



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.



34.2873, 24.3213, 28.0869



52.7422, 33.8703, 37.8081



33.1705, 25.8627, 16.0772



11.3857, 11.2830, 12.5660



16.5702, 8.4387, 5.4551



0.8915, 0.4500, 0.4746

Inverse Universe

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



34.2873, 24.3213, 28.0869



52.7422, 33.8703, 37.8081



35.0775, 44.6033, 63.2607



11.3857, 11.2830, 12.5660



16.5702, 8.4387, 5.4551



0.8915, 0.4500, 0.4746

Previews

White Background



This preview shows how the XYZ color 34.2866, 24.3201, 28.0864 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 34.2866, 24.3201, 28.0864 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 34.2866, 24.3201, 28.0864

Background



This preview shows how black text looks on a background with the XYZ color 34.2866, 24.3201, 28.0864.



This preview shows how white text looks on a background with the XYZ color 34.2866, 24.3201,

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

34.2866, 24.3201, 28.0864

Protanopia

24.4571, 24.7264, 37.2019

Deuteranopia

24.7730, 24.3061, 26.6784



Tritanopia

32.6023, 24.4036, 19.5150

Trichromacy



Original Color

34.2866, 24.3201, 28.0864

Protanomaly

26.8203, 23.6671, 33.7265

Deuteranomaly

27.5733, 23.8346, 27.1920

Tritanomaly

33.2128, 24.3453, 22.3506

Monochromacy



Original Color

34.2866, 24.3201, 28.0864

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.6190, 24.0793, 27.2895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2866, 24.3201, 28.0864 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(203, 103, 141)` looks like.

```
.text, #text, p{  
    color:rgb(203, 103, 141)  
}
```

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(203, 103, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 103, 141) }
```

Border

The CSS property to change the border of an element to XYZ 34.2866, 24.3201, 28.0864 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(203, 103, 141) }
```


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

```
.border{ border-color:rgb(203, 103, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 103, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 103, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 103, 141);  
box-shadow:4px 4px 4px 4px rgb(203, 103,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2866, 24.3201, 28.0864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 103, 141) }
```

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

```
.background{ background-color: rgb(203,  
103, 141) }
```

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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