

Converting Colors

XYZ(28.4347, 18.4187, 14.0556)

Have a look what the booklet for
XYZ(28.4347, 18.4187, 14.0556)
contains.

XYZ(28.5778, 18.5110, 14.1234)	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(28.5778, 18.5110,
14.1234)**

Conversions

Conversions Part 1

Format	Color
Hex	C74E64
RGB	199, 78, 100
RGB Percent	78%, 31%, 39%
CMY	0.2196, 0.6941, 0.6078
CMYK	0.00, 0.61, 0.50, 0.22
HSL	349°, 52%, 54%
HSV	349°, 61%, 78%
XYZ	28.5778, 18.5110, 14.1234
YIQ	116.6870, 65.0540, 32.4940

Conversions

Conversions Part 2

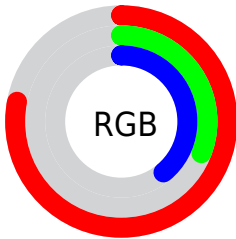
Format	Color
R_{YB}	199, 78, 100
Decimal	13061732
CIE _{Lab}	50.11, 50.01, 12.74
CIE _{LCh}	50, 51.606, 14.295
Yxy	18.5110, 0.4669, 0.3024
Android (android.graphics.Color)	4291251812 (0xFFC74E64)
YUV	116.6870, -8.2267, 72.1885
Hunter-Lab	43.0244, 43.2711, 10.6543

Details

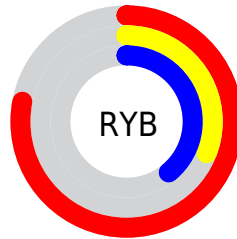
The XYZ color **28.5778, 18.5110, 14.1234** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **31.5022, 45.6412, 48.7475**, and the grayscale version is **16.8230, 17.6992, 19.2744**.

A 20% lighter version of the original color is **55.0772, 39.9969, 34.0954**, and **11.6974, 6.2744, 4.0846** is the 20% darker color. If you saturate the color by 10%, you get **26.6608, 15.8147, 9.9771**, and if you desaturate by 10%, it is **31.0810, 22.1277, 19.2425**.

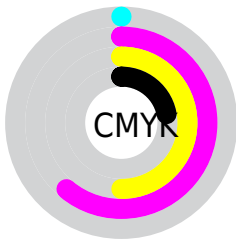
Distribution



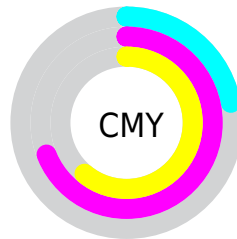
- Red (78%)
- Green (31%)
- Blue (39%)



- Red (78%)
- Yellow (31%)
- Blue (39%)



- Cyan (0%)
- Magenta (61%)
- Yellow (50%)
- Black (22%)




- Cyan (22%)
- Magenta (69%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5778, 18.5110, 14.1234 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 28.5778, 18.5110, 14.1234 by changing the saturation by 10% instead.

 28.5778, 18.5110,
14.1234


 28.5778, 18.5110,
14.1234


287.2479,
243.7357, 229.4522

 18.9043, 11.3175,
8.0668


 56.8078, 40.9062,
34.0281


 11.7048, 6.2808,
4.0493


 76.0951, 56.8766,
48.7133


 6.6137, 3.0166,
1.6525


 99.3177, 76.5414,
67.1118

 3.2659, 1.1404,
0.3278

 126.8410,
100.2851, 89.6420

 1.2959, 0.0122,
0.0000

 159.0303,
128.4919, 116.7227

 0.1801, 0.0000,
0.0000

196.2510,

 0.0000, 0.0000,

161.5464, 148.7722

0.0000

238.8684,
199.8329, 186.2092

■ 28.5778, 18.5110,
14.1234

■ 28.5778, 18.5110,
14.1234

■ 26.6608, 15.8147,
9.9771

■ 31.0810, 22.1277,
19.2425

■ 25.2791, 13.9521,
6.7396

■ 34.2125, 26.7351,
25.3906

■ 24.3753, 12.8251,
4.3404

■ 38.0123, 32.4002,
32.6209

■ 23.8742, 12.2705,
2.7931

■ 42.5165, 39.1834,
40.9823

■ 47.7586, 47.1403,
50.5210

■ 53.7700, 56.3230,
61.2802

■ 60.5801, 66.7802,
73.3014

■ 68.2170, 78.5583,
86.6238

■ 76.0314, 90.3494,
101.0596

Harmonies

Analogous

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



28.4937, 18.5110, 28.5110



28.5778, 18.5110, 14.1234



25.3612, 18.5110, 6.4449

Triad

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



28.5778, 18.5110, 14.1234



11.7273, 18.5110, 6.2246



15.1314, 18.5110, 59.6645

Complementary

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



28.5778, 18.5110, 14.1234



31.5022, 45.6412, 48.7475

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.



11.6008, 18.5110, 45.9551



28.5778, 18.5110, 14.1234



9.9031, 18.5110, 13.6160

Square

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



28.5778, 18.5110, 14.1234



15.3379, 18.5110, 3.5637



9.8617, 18.5110, 27.6985



20.0614, 18.5110, 60.0248

Rectangle

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



28.5778, 18.5110, 14.1234



22.0745, 18.5110, 4.1829



9.8617, 18.5110, 27.6985



13.7652, 18.5110, 56.2532

Sweetspot

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



28.5783, 18.5120, 14.1237



76.6472, 71.9429, 75.7951



31.1236, 18.8991, 56.0400



15.8583, 14.5704, 15.2199



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.



28.5783, 18.5120, 14.1237



45.7914, 26.4708, 15.4457



31.2110, 25.2573, 10.4393



10.7113, 10.6679, 11.4630



15.3753, 7.8997, 1.9204



0.7527, 0.3839, 0.2208

Inverse Universe

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



28.5783, 18.5120, 14.1237



45.7914, 26.4708, 15.4457



26.1412, 31.1234, 58.6622



10.7113, 10.6679, 11.4630



15.3753, 7.8997, 1.9204



0.7527, 0.3839, 0.2208

Previews

White Background



This preview shows how the XYZ color 28.5778, 18.5110, 14.1234 looks on a white background.

Color Contrast Check

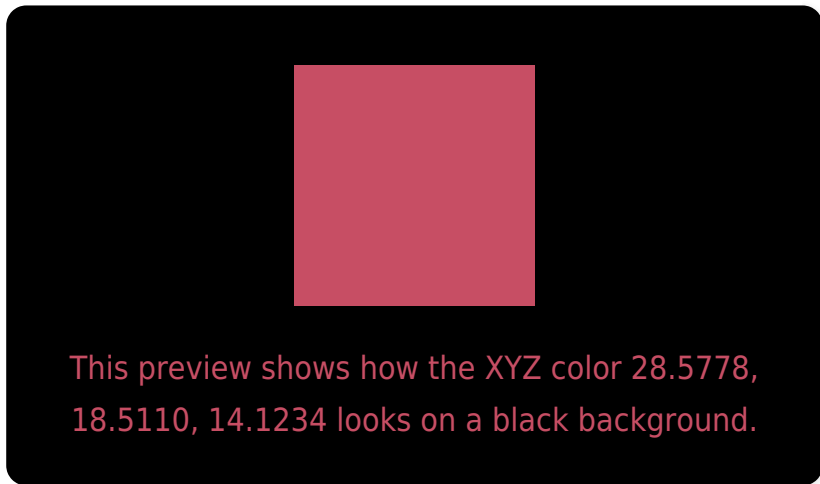
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

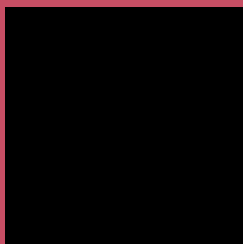
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5778, 18.5110, 14.1234

Background



This preview shows how black text looks on a background with the XYZ color 28.5778, 18.5110, 14.1234.



This preview shows how white text looks on a background with the XYZ color 28.5778, 18.5110,

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

28.5778, 18.5110, 14.1234

Protanopia

17.9332, 18.6391, 20.7417

Deuteranopia

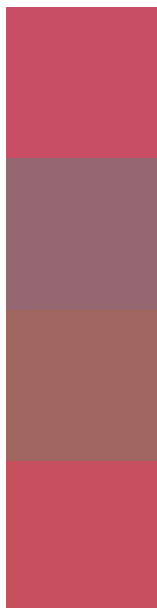
18.9663, 18.6451, 13.1889



Tritanopia

27.9108, 18.5625, 10.9160

Trichromacy



Original Color

28.5778, 18.5110, 14.1234

Protanomaly

20.3254, 17.4824, 17.9260

Deuteranomaly

21.5606, 17.9243, 13.3897

Tritanomaly

28.0457, 18.4984, 11.9899

Monochromacy



Original Color

28.5778, 18.5110, 14.1234

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.7521, 17.0512, 17.2891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5778, 18.5110, 14.1234 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(199, 78, 100)` looks like.

```
.text, #text, p{  
    color:rgb(199, 78, 100)  
}
```

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(199, 78, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 78, 100) }
```

Border

The CSS property to change the border of an element to XYZ 28.5778, 18.5110, 14.1234 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(199, 78, 100) }
```


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

```
.border{ border-color:rgb(199, 78, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 78, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 78, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 78, 100);  
box-shadow:4px 4px 4px 4px rgb(199, 78,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5778, 18.5110, 14.1234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 78, 100) }
```

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

```
.background{ background-color: rgb(199, 78,  
100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor