

Converting Colors

XYZ(28.4409, 14.5417, 27.4985)

Have a look what the booklet for
XYZ(28.4409, 14.5417, 27.4985)
contains.

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Color

**XYZ(28.3664, 14.4967,
27.6886)**

Conversions

Conversions Part 1

Format	Color
Hex	C51790
RGB	197, 23, 144
RGB Percent	77%, 9%, 56%
CMY	0.2274, 0.9097, 0.4353
CMYK	0.00, 0.88, 0.27, 0.23
HSL	318°, 79%, 43%
HSV	318°, 88%, 77%
XYZ	28.3664, 14.4967, 27.6886
YIQ	88.8200, 64.8630, 74.5190

Conversions

Conversions Part 2

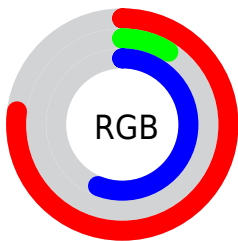
Format	Color
R_{YB}	197, 23, 144
Decimal	12916624
CIE _{Lab}	44.94, 71.48, -21.65
CIE _{LCh}	45, 74.684, 343.152
Yxy	14.4967, 0.4021, 0.2055
Android (android.graphics.Color)	4291106704 (0xFFC51790)
YUV	88.8200, 27.2037, 94.8739
Hunter-Lab	38.0745, 66.3562, -16.4648

Details

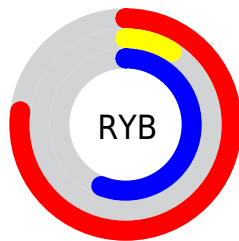
The XYZ color **28.3664, 14.4967, 27.6886** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **21.6252, 40.6371, 13.5447**, and the grayscale version is **9.3896, 9.8786, 10.7578**.

A 20% lighter version of the original color is **55.5253, 33.5216, 56.9699**, and **12.4570, 6.1936, 10.8948** is the 20% darker color. If you saturate the color by 10%, you get **27.6494, 13.7773, 25.2464**, and if you desaturate by 10%, it is **29.3848, 15.7797, 30.3518**.

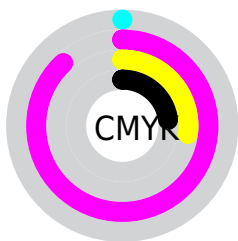
Distribution



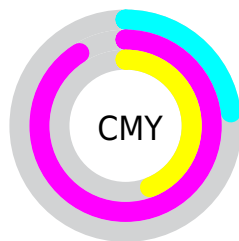
- Red (77%)
- Green (9%)
- Blue (56%)



- Red (77%)
- Yellow (9%)
- Blue (56%)



- Cyan (0%)
- Magenta (88%)
- Yellow (27%)
- Black (23%)





- Cyan (23%)
- Magenta (91%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3664, 14.4967, 27.6886 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 28.3664, 14.4967, 27.6886 by changing the saturation by 10% instead.

 28.3664, 14.4967,
27.6886


 28.3664, 14.4967,
27.6886


286.2620,
220.2993, 304.8409

 18.7439, 8.4669,
17.8541


 56.4734, 33.9678,
57.0040


 11.5883, 4.3952,
10.6769


 75.6887, 48.1779,
77.3219


 6.5342, 1.8970,
5.7386


 98.8323, 65.8836,
101.9714

 3.2163, 0.5466,
2.6206

 126.2695, 87.4692,
131.3710

 1.2691, 0.0000,
0.9031

 158.3657,
113.3192, 165.9392

 0.1599, 0.0000,
0.0000

 195.4863,

 0.0000, 0.0000,

143.8180, 206.0945

0.0000

237.9966,
179.3499, 252.2556

■ 28.3664, 14.4967,
27.6886

■ 28.3664, 14.4967,
27.6886

■ 27.6494, 13.7773,
25.2464

■ 29.3848, 15.7797,
30.3518

■ 27.5406, 13.6762,
24.8508

■ 30.7725, 17.7616,
33.2601

■ 32.5742, 20.5315,
36.4303

■ 34.8279, 24.1646,
39.8768

■ 37.5671, 28.7275,
43.6125

■ 40.8220, 34.2800,
47.6491

■ 44.6204, 40.8769,
51.9974

■ 48.9878, 48.5691,
56.6677

■ 53.9483, 57.4040,
61.6694

Harmonies

Analogous

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



23.4818, 14.4967, 55.2778



28.3664, 14.4967, 27.6886



28.6851, 14.4967, 9.2975

Triad

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



28.3664, 14.4967, 27.6886



11.2737, 14.4967, 0.3323



6.8598, 14.4967, 51.8125

Complementary

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



28.3664, 14.4967, 27.6886



21.6252, 40.6371, 13.5447

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.



5.2100, 14.4967, 24.7489



28.3664, 14.4967, 27.6886



7.2021, 14.4967, 1.7611

Square

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



28.3664, 14.4967, 27.6886



17.4737, 14.4967, 0.4194



5.3133, 14.4967, 7.9003



10.6452, 14.4967, 74.8882

Rectangle

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



28.3664, 14.4967, 27.6886



26.1472, 14.4967, 3.6052



5.3133, 14.4967, 7.9003



6.0951, 14.4967, 42.2750

Sweetspot

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



28.3669, 14.4975, 27.6888



74.3401, 63.5130, 86.7893



13.3031, 6.1492, 53.3093



15.4358, 12.7743, 18.0108



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.



28.3669, 14.4975, 27.6888



49.2077, 24.4471, 43.8875



24.0918, 12.7875, 5.1767



10.9402, 10.7595, 12.6683



18.1532, 9.0109, 16.5487



0.8907, 0.4391, 0.9476

Inverse Universe

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



28.3669, 14.4975, 27.6888



49.2077, 24.4471, 43.8875



26.8598, 42.7309, 41.1097



10.9402, 10.7595, 12.6683



18.1532, 9.0109, 16.5487



0.8907, 0.4391, 0.9476

Previews

White Background



This preview shows how the XYZ color 28.3664, 14.4967, 27.6886 looks on a white 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

Black Background



This preview shows how the XYZ color 28.3664, 14.4967, 27.6886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

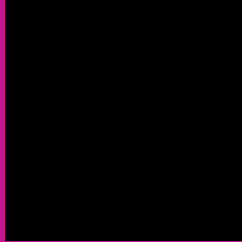
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.3664, 14.4967, 27.6886

Background



This preview shows how black text looks on a background with the XYZ color 28.3664, 14.4967, 27.6886.



This preview shows how white text looks on a background with the XYZ color 28.3664, 14.4967,

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

28.3664, 14.4967, 27.6886

Protanopia

17.1238, 14.9584, 57.2431

Deuteranopia

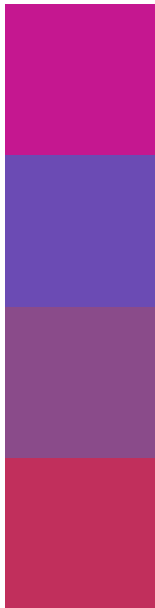
15.1337, 14.7955, 24.9799



Tritanopia

23.9989, 14.6670, 6.2688

Trichromacy



Original Color

28.3664, 14.4967, 27.6886

Protanomaly

16.8177, 11.4532, 44.5043

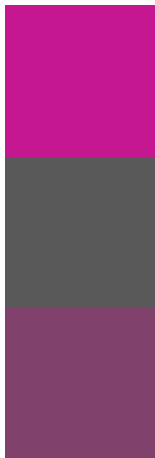
Deuteranomaly

17.5848, 12.2704, 25.4864

Tritanomaly

24.9406, 14.1432, 11.5406

Monochromacy



Original Color

28.3664, 14.4967, 27.6886

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

13.5527, 9.4739, 15.5823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3664, 14.4967, 27.6886 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, 23, 144)` looks like.

```
.text, #text, p{  
    color:rgb(197, 23, 144)  
}
```

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, 23, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 23, 144) }
```

Border

The CSS property to change the border of an element to XYZ 28.3664, 14.4967, 27.6886 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, 23, 144) }
```


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

```
.border{ border-color:rgb(197, 23, 144) }
```

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

Here you see how a box with a 4 pixel rgb(197, 23, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 23, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 23, 144);  
box-shadow:4px 4px 4px 4px rgb(197, 23,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3664, 14.4967, 27.6886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 23, 144) }
```

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

```
.background{ background-color: rgb(197, 23,  
144) }
```

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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