

Converting Colors

XYZ(28.7647, 14.5467, 14.0909)

Have a look what the booklet for
XYZ(28.7647, 14.5467, 14.0909)
contains.

XYZ(28.7427, 14.5346, 14.1225)	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(28.7427, 14.5346,
14.1225)**

Conversions

Conversions Part 1

Format	Color
Hex	D10067
RGB	209, 0, 103
RGB Percent	82%, 0%, 40%
CMY	0.1804, 0.9998, 0.5961
CMYK	0.00, 1.00, 0.51, 0.18
HSL	330°, 100%, 41%
HSV	330°, 100%, 82%
XYZ	28.7427, 14.5346, 14.1225
YIQ	74.2330, 91.5010, 76.3410

Conversions

Conversions Part 2

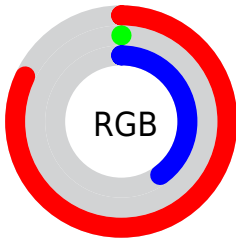
Format	Color
R_{YB}	209, 0, 103
Decimal	13697127
CIE _{Lab}	44.99, 72.72, 3.92
CIE _{LCh}	45, 72.826, 3.083
Yxy	14.5346, 0.5007, 0.2532
Android (android.graphics.Color)	4291887207 (0xFFD10067)
YUV	74.2330, 14.1821, 118.1907
Hunter-Lab	38.1243, 67.8575, 4.7240

Details

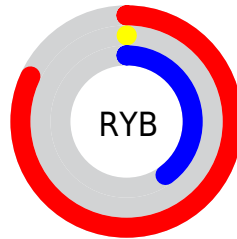
The XYZ color **28.7427, 14.5346, 14.1225** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **25.4046, 46.6426, 21.3110**, and the grayscale version is **6.5186, 6.8581, 7.4684**.

A 20% lighter version of the original color is **50.6451, 30.7379, 33.8356**, and **12.9513, 6.5913, 4.4605** is the 20% darker color. If you saturate the color by 10%, you get **28.7415, 14.5341, 14.1169**, and if you desaturate by 10%, it is **29.5762, 15.2954, 17.1946**.

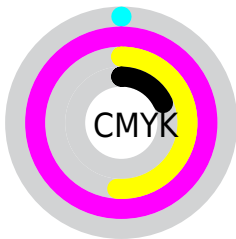
Distribution



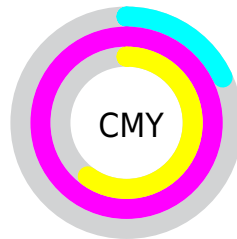
- Red (82%)
- Green (0%)
- Blue (40%)



- Red (82%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7427, 14.5346, 14.1225 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 28.7427, 14.5346, 14.1225 by changing the saturation by 10% instead.


 28.7427, 14.5346,
14.1225


 28.7427, 14.5346,
14.1225


288.0152,
220.5317, 229.4464


 19.0296, 8.4934,
8.0662


 57.0684, 34.0346,
34.0265


 11.7958, 4.4123,
4.0490


 76.4117, 48.2623,
48.7112

 6.6760, 1.9067,
1.6522


 99.6958, 65.9875,
67.1092

 3.3048, 0.5524,
0.3277

 127.2860, 87.5948,
89.6390

 1.3169, 0.0000,
0.0000

 159.5477,
113.4684, 116.7190

 0.1958, 0.0000,
0.0000

 196.8462,

 0.0000, 0.0000,

143.9929, 148.7679

0.0000

239.5469,
179.5525, 186.2042

■ 28.7427, 14.5346,
14.1225

■ 28.7427, 14.5346,
14.1225

■ 28.7415, 14.5341,
14.1169

■ 29.5762, 15.2954,
17.1946

■ 30.7678, 16.6605,
20.7308

■ 32.4173, 18.8256,
24.7754

■ 34.5795, 21.8975,
29.3577

■ 37.3012, 25.9661,
34.5032

■ 40.6235, 31.1104,
40.2357

■ 44.5834, 37.4016,
46.5768

■ 49.2149, 44.9045,
53.5471

■ 54.5495, 53.6791,
61.1659

Harmonies

Analogous

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



26.7887, 14.5346, 35.8654



28.7427, 14.5346, 14.1225



25.8400, 14.5346, 3.8078

Triad

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



28.7427, 14.5346, 14.1225



8.4477, 14.5346, 1.1702



9.2418, 14.5346, 66.9755

Complementary

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



28.7427, 14.5346, 14.1225



25.4046, 46.6426, 21.3110

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.



6.2551, 14.5346, 41.4133



28.7427, 14.5346, 14.1225



5.8981, 14.5346, 5.1197

Square

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



28.7427, 14.5346, 14.1225



13.2064, 14.5346, 0.3390



5.2292, 14.5346, 17.6606



14.4414, 14.5346, 76.5984

Rectangle

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



28.7427, 14.5346, 14.1225



21.9220, 14.5346, 1.4068



5.2292, 14.5346, 17.6606



8.0024, 14.5346, 59.3560

Sweetspot

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



28.7431, 14.5355, 14.1227



69.6797, 58.2680, 72.6711



17.2786, 7.5787, 60.8736



14.3239, 11.5288, 14.6246



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.



28.7431, 14.5355, 14.1227



44.9830, 22.7572, 21.6402



26.2951, 13.5563, 1.2319



12.0481, 11.9040, 13.5289



17.7708, 8.9812, 8.9654



1.0337, 0.5182, 0.7122

Inverse Universe

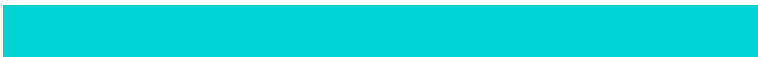
The Inverse Universe completely reimagines the original color for something new.



28.7431, 14.5355, 14.1227



44.9830, 22.7572, 21.6402



34.3095, 50.2045, 68.2036



12.0481, 11.9040, 13.5289



17.7708, 8.9812, 8.9654



1.0337, 0.5182, 0.7122

Previews

White Background



This preview shows how the XYZ color 28.7427, 14.5346, 14.1225 looks on a white background.

Color Contrast Check

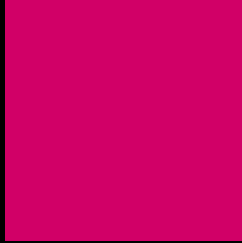
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7427, 14.5346, 14.1225 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 28.7427, 14.5346, 14.1225

Background



This preview shows how black text looks on a background with the XYZ color 28.7427, 14.5346, 14.1225.



This preview shows how white text looks on a background with the XYZ color 28.7427, 14.5346,

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

28.7427, 14.5346, 14.1225

Protanopia

15.5064, 15.1721, 30.5450

Deuteranopia

15.3841, 15.1964, 12.7120



Tritanopia

26.6468, 14.8678, 3.5631

Trichromacy



Original Color

28.7427, 14.5346, 14.1225



Protanomaly

16.5485, 11.1186, 23.1037



Deuteranomaly

17.6824, 11.8459, 12.6638



Tritanomaly

27.0269, 14.3744, 6.2005

Monochromacy



Original Color

28.7427, 14.5346, 14.1225



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.8246, 6.8999, 9.3556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7427, 14.5346, 14.1225 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(209, 0, 103)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 103)  
}
```

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(209, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 103) }
```

Border

The CSS property to change the border of an element to XYZ 28.7427, 14.5346, 14.1225 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(209, 0, 103) }
```


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

```
.border{ border-color:rgb(209, 0, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 103);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7427, 14.5346, 14.1225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 103) }
```

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

```
.background{ background-color: rgb(209, 0,  
103) }
```

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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