

Converting Colors

XYZ(28.4736, 14.4302, 12.5572)

Have a look what the booklet for
XYZ(28.4736, 14.4302, 12.5572)
contains.

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Color

**XYZ(28.4522, 14.4184,
12.5927)**

Conversions

Conversions Part 1

Format	Color
Hex	D10061
RGB	209, 0, 97
RGB Percent	82%, 0%, 38%
CMY	0.1804, 0.9998, 0.6196
CMYK	0.00, 1.00, 0.54, 0.18
HSL	332°, 100%, 41%
HSV	332°, 100%, 82%
XYZ	28.4522, 14.4184, 12.5927
YIQ	73.5490, 93.4270, 74.4750

Conversions

Conversions Part 2

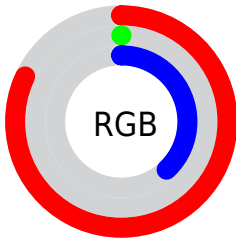
Format	Color
R_{YB}	209, 0, 97
Decimal	13697121
CIE _{Lab}	44.83, 72.29, 7.43
CIE _{LCh}	45, 72.669, 5.870
Yxy	14.4184, 0.5130, 0.2600
Android (android.graphics.Color)	4291887201 (0xFFD10061)
YUV	73.5490, 11.5613, 118.7905
Hunter-Lab	37.9716, 67.3003, 6.9175

Details

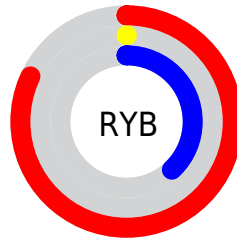
The XYZ color **28.4522, 14.4184, 12.5927** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **25.7279, 46.7719, 23.0134**, and the grayscale version is **6.4020, 6.7354, 7.3349**.

A 20% lighter version of the original color is **50.0788, 30.5113, 30.8536**, and **12.6302, 6.4421, 3.7097** is the 20% darker color. If you saturate the color by 10%, you get **28.4510, 14.4179, 12.5871**, and if you desaturate by 10%, it is **29.2791, 15.1765, 15.6301**.

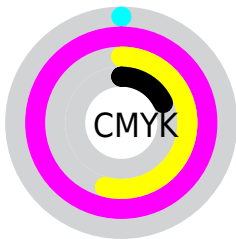
Distribution



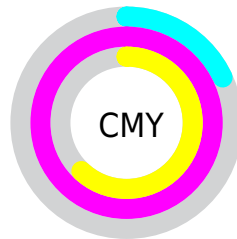
- Red (82%)
- Green (0%)
- Blue (38%)



- Red (82%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4522, 14.4184, 12.5927 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 28.4522, 14.4184, 12.5927 by changing the saturation by 10% instead.


 28.4522, 14.4184,
12.5927


 28.4522, 14.4184,
12.5927


286.6625,
219.8184, 219.4060


 18.8090, 8.4122,
7.0213


 56.6092, 33.8296,
31.2505


 11.6355, 4.3598,
3.3968


 75.8537, 48.0034,
45.1739


 6.5664, 1.8768,
1.3006


 99.0294, 65.6686,
62.7184

 3.2364, 0.5344,
0.0623

 126.5016, 87.2095,
84.3025

 1.2800, 0.0000,
0.0000

 158.6356,
113.0105, 110.3448

 0.1681, 0.0000,
0.0000

 195.7969,

 0.0000, 0.0000,

143.4561, 141.2638

0.0000

238.3507,
178.9306, 177.4780

■ 28.4522, 14.4184,
12.5927

■ 28.4522, 14.4184,
12.5927

■ 28.4510, 14.4179,
12.5871

■ 29.2791, 15.1765,
15.6301

■ 30.4710, 16.5417,
19.1674

■ 32.1278, 18.7099,
23.2514

■ 34.3052, 21.7878,
27.9135

■ 37.0502, 25.8658,
33.1818

■ 40.4043, 31.0229,
39.0817

■ 44.4050, 37.3303,
45.6370

■ 49.0864, 44.8532,
52.8701

■ 54.4804, 53.6515,
60.8019

Harmonies

Analogous

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



26.9559, 14.4184, 33.1770



28.4522, 14.4184, 12.5927



25.1676, 14.4184, 3.2901

Triad

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



28.4522, 14.4184, 12.5927



8.0530, 14.4184, 1.3236



9.5537, 14.4184, 68.2862

Complementary

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



28.4522, 14.4184, 12.5927



25.7279, 46.7719, 23.0134

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.



6.3889, 14.4184, 43.6358



28.4522, 14.4184, 12.5927



5.7136, 14.4184, 5.7801

Square

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



28.4522, 14.4184, 12.5927



12.5717, 14.4184, 0.3495



5.2070, 14.4184, 19.2787



14.9029, 14.4184, 75.6810

Rectangle

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



28.4522, 14.4184, 12.5927



21.1436, 14.4184, 1.2173



5.2070, 14.4184, 19.2787



8.2534, 14.4184, 61.1698

Sweetspot

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



28.4526, 14.4193, 12.5929



69.3972, 58.1550, 71.1834



18.1260, 8.0155, 60.9132



14.2573, 11.5022, 14.2738



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.



28.4526, 14.4193, 12.5929



44.5292, 22.5757, 19.2506



26.3707, 13.7075, 1.2571



12.0337, 11.8982, 13.4532



17.5909, 8.9092, 8.0176



1.0235, 0.5141, 0.6583

Inverse Universe

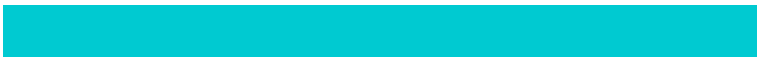
The Inverse Universe completely reimagines the original color for something new.



28.4526, 14.4193, 12.5929



44.5292, 22.5757, 19.2506



32.6378, 46.8610, 67.6463



12.0337, 11.8982, 13.4532



17.5909, 8.9092, 8.0176



1.0235, 0.5141, 0.6583

Previews

White Background



This preview shows how the XYZ color 28.4522, 14.4184, 12.5927 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 28.4522, 14.4184, 12.5927 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 28.4522, 14.4184, 12.5927

Background



This preview shows how black text looks on a background with the XYZ color 28.4522, 14.4184, 12.5927.



This preview shows how white text looks on a background with the XYZ color 28.4522, 14.4184,

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

28.4522, 14.4184, 12.5927

Protanopia

15.2110, 15.0911, 27.3105

Deuteranopia

15.3160, 15.0408, 11.3285



Tritanopia

26.8075, 14.8564, 3.2884

Trichromacy



Original Color

28.4522, 14.4184, 12.5927



Protanomaly

16.4163, 11.1039, 20.6801



Deuteranomaly

17.5468, 11.7197, 11.2348



Tritanomaly

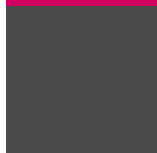
27.1495, 14.4209, 5.4903

Monochromacy



Original Color

28.4522, 14.4184, 12.5927



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.7079, 6.8532, 8.7411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4522, 14.4184, 12.5927 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 97) }
```

Border

The CSS property to change the border of an element to XYZ 28.4522, 14.4184, 12.5927 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, 97) }
```


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

```
.border{ border-color:rgb(209, 0, 97) }
```

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, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 97);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 97)  
}
```

Background

The CSS property to change the background color of an element to XYZ 28.4522, 14.4184, 12.5927 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, 97) }
```

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

```
.background{ background-color: rgb(209, 0,  
97) }
```

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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