

Converting Colors

XYZ(28.5929, 14.4780, 13.1862)

Have a look what the booklet for
XYZ(28.5929, 14.4780, 13.1862)
contains.

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Color

**XYZ(28.5466, 14.4562,
13.0901)**

Conversions

Conversions Part 1

Format	Color
Hex	D10063
RGB	209, 0, 99
RGB Percent	82%, 0%, 39%
CMY	0.1804, 0.9998, 0.6118
CMYK	0.00, 1.00, 0.53, 0.18
HSL	332°, 100%, 41%
HSV	332°, 100%, 82%
XYZ	28.5466, 14.4562, 13.0901
YIQ	73.7770, 92.7850, 75.0970

Conversions

Conversions Part 2

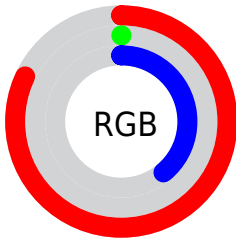
Format	Color
RYB	209, 0, 99
Decimal	13697123
CIELab	44.88, 72.43, 6.26
CIELCh	45, 72.699, 4.937
Yxy	14.4562, 0.5089, 0.2577
Android (android.graphics.Color)	4291887203 (0xFFD10063)
YUV	73.7770, 12.4349, 118.5906
Hunter-Lab	38.0213, 67.4814, 6.2024

Details

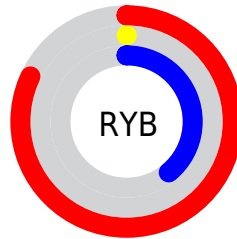
The XYZ color **28.5466, 14.4562, 13.0901** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **25.6178, 46.7277, 22.4338**, and the grayscale version is **6.4410, 6.7765, 7.3796**.

A 20% lighter version of the original color is **50.2372, 30.5747, 31.6875**, and **12.6752, 6.4601, 3.9470** is the 20% darker color. If you saturate the color by 10%, you get **28.5453, 14.4556, 13.0841**, and if you desaturate by 10%, it is **29.3761, 15.2154, 16.1411**.

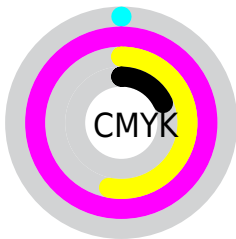
Distribution



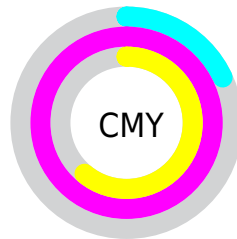
- Red (82%)
- Green (0%)
- Blue (39%)



- Red (82%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5466, 14.4562, 13.0901 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 28.5466, 14.4562, 13.0901 by changing the saturation by 10% instead.

 28.5466, 14.4562,
13.0901


 28.5466, 14.4562,
13.0901


287.1026,
220.0507, 222.7224


 18.8807, 8.4386,
7.3592


 56.7585, 33.8963,
32.1591


 11.6876, 4.3769,
3.6059


 76.0352, 48.0877,
46.3343


 6.6020, 1.8865,
1.4117


 99.2461, 65.7724,
64.1613

 3.2586, 0.5403,
0.1508

 126.7567, 87.3349,
86.0586

 1.2919, 0.0000,
0.0000

 158.9323,
113.1596, 112.4448

 0.1772, 0.0000,
0.0000

 196.1382,

 0.0000, 0.0000,

143.6309, 143.7385

0.0000

238.7399,
179.1331, 180.3582

■ 28.5466, 14.4562,
13.0901

■ 28.5466, 14.4562,
13.0901

■ 28.5453, 14.4556,
13.0841

■ 29.3761, 15.2154,
16.1411

■ 30.5683, 16.5808,
19.6800

■ 32.2231, 18.7482,
23.7528

■ 34.3958, 21.8244,
28.3900

■ 37.1334, 25.8995,
33.6189

■ 40.4772, 31.0525,
39.4644

■ 44.4646, 37.3548,
45.9495

■ 49.1296, 44.8712,
53.0958

■ 54.5040, 53.6618,
60.9239

Harmonies

Analogous

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



26.8977, 14.4562, 34.0568



28.5466, 14.4562, 13.0901



25.3889, 14.4562, 3.4575

Triad

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



28.5466, 14.4562, 13.0901



8.1831, 14.4562, 1.2710



9.4482, 14.4562, 67.8395

Complementary

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



28.5466, 14.4562, 13.0901



25.6178, 46.7277, 22.4338

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.



6.3437, 14.4562, 42.8806



28.5466, 14.4562, 13.0901



5.7746, 14.4562, 5.5533

Square

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



28.5466, 14.4562, 13.0901



12.7806, 14.4562, 0.3461



5.2142, 14.4562, 18.7261



14.7466, 14.4562, 75.9789

Rectangle

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



28.5466, 14.4562, 13.0901



21.3999, 14.4562, 1.2787



5.2142, 14.4562, 18.7261



8.1686, 14.4562, 60.5537

Sweetspot

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



28.5470, 14.4571, 13.0903



69.4909, 58.1925, 71.6767



17.6940, 7.7929, 60.8928



14.2794, 11.5110, 14.3901



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.



28.5470, 14.4571, 13.0903



44.6765, 22.6346, 20.0265



26.3329, 13.6319, 1.2446



12.0385, 11.9001, 13.4784



17.6494, 8.9326, 8.3258



1.0268, 0.5154, 0.6760

Inverse Universe

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



28.5470, 14.4571, 13.0903



44.6765, 22.6346, 20.0265



33.4643, 48.5141, 67.9217



12.0385, 11.9001, 13.4784



17.6494, 8.9326, 8.3258



1.0268, 0.5154, 0.6760

Previews

White Background



This preview shows how the XYZ color 28.5466, 14.4562, 13.0901 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 28.5466, 14.4562, 13.0901 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 28.5466, 14.4562, 13.0901

Background



This preview shows how black text looks on a background with the XYZ color 28.5466, 14.4562, 13.0901.



This preview shows how white text looks on a background with the XYZ color 28.5466, 14.4562,

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

28.5466, 14.4562, 13.0901

Protanopia

15.2526, 15.0952, 28.0964

Deuteranopia

15.2532, 14.9988, 11.7640



Tritanopia

26.5453, 14.7193, 3.3615

Trichromacy



Original Color

28.5466, 14.4562, 13.0901



Protanomaly

16.3791, 11.0698, 21.3521



Deuteranomaly

17.6343, 11.7547, 11.6954



Tritanomaly

26.9221, 14.2976, 5.7556

Monochromacy



Original Color

28.5466, 14.4562, 13.0901



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.7462, 6.8685, 8.9430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5466, 14.4562, 13.0901 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 99) }
```

Border

The CSS property to change the border of an element to XYZ 28.5466, 14.4562, 13.0901 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, 99) }
```


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

```
.border{ border-color:rgb(209, 0, 99) }
```

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, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 99);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 28.5466, 14.4562, 13.0901 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, 99) }
```

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

```
.background{ background-color: rgb(209, 0,  
99) }
```

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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