

Converting Colors

XYZ(28.6810, 14.5132, 13.6497)

Have a look what the booklet for
XYZ(28.6810, 14.5132, 13.6497)
contains.

XYZ(28.6435, 14.4949, 13.6000)	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(28.6435, 14.4949,
13.6000)**

Conversions

Conversions Part 1

Format	Color
Hex	D10065
RGB	209, 0, 101
RGB Percent	82%, 0%, 40%
CMY	0.1804, 0.9998, 0.6039
CMYK	0.00, 1.00, 0.52, 0.18
HSL	331°, 100%, 41%
HSV	331°, 100%, 82%
XYZ	28.6435, 14.4949, 13.6000
YIQ	74.0050, 92.1430, 75.7190

Conversions

Conversions Part 2

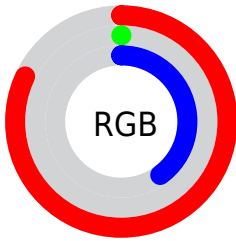
Format	Color
R_{YB}	209, 0, 101
Decimal	13697125
CIE _{Lab}	44.93, 72.57, 5.08
CIE _{LCh}	45, 72.751, 4.008
Yxy	14.4949, 0.5048, 0.2555
Android (android.graphics.Color)	4291887205 (0xFFD10065)
YUV	74.0050, 13.3085, 118.3906
Hunter-Lab	38.0722, 67.6677, 5.4712

Details

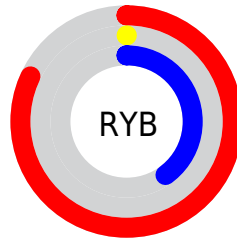
The XYZ color **28.6435, 14.4949, 13.6000** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **25.5099, 46.6847, 21.8653**, and the grayscale version is **6.4795, 6.8169, 7.4236**.

A 20% lighter version of the original color is **50.4799, 30.6718, 32.9654**, and **12.7222, 6.4789, 4.1944** is the 20% darker color. If you saturate the color by 10%, you get **28.6424, 14.4945, 13.5946**, and if you desaturate by 10%, it is **29.4752, 15.2549, 16.6625**.

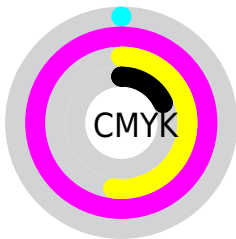
Distribution



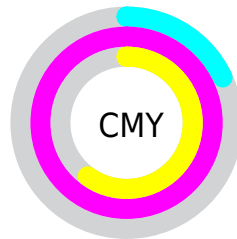
- Red (82%)
- Green (0%)
- Blue (40%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (18%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6435, 14.4949, 13.6000 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 28.6435, 14.4949, 13.6000 by changing the saturation by 10% instead.


 28.6435, 14.4949,
13.6000


 28.6435, 14.4949,
13.6000


287.5538,
220.2883, 226.0692


 18.9542, 8.4657,
7.7074


 56.9117, 33.9646,
33.0844


 11.7410, 4.3943,
3.8232


 76.2213, 48.1739,
47.5134


 6.6385, 1.8965,
1.5289


 99.4684, 65.8786,
65.6249

 3.2814, 0.5463,
0.2393

 127.0184, 87.4633,
87.8374

 1.3043, 0.0000,
0.0000

 159.2365,
113.3121, 114.5696

 0.1864, 0.0000,
0.0000

 196.4883,

 0.0000, 0.0000,

143.8097, 146.2399

0.0000

239.1389,
179.3402, 183.2670

■ 28.6435, 14.4949,
13.6000

■ 28.6435, 14.4949,
13.6000

■ 28.6424, 14.4945,
13.5946

■ 29.4752, 15.2549,
16.6625

■ 30.6672, 16.6201,
20.2010

■ 32.3194, 18.7864,
24.2605

■ 34.4870, 21.8604,
28.8710

■ 37.2167, 25.9321,
34.0589

■ 40.5498, 31.0807,
39.8484

■ 44.5235, 37.3773,
46.2619

■ 49.1717, 44.8868,
53.3205

■ 54.5261, 53.6693,
61.0440

Harmonies

Analogous

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



26.8420, 14.4949, 34.9531



28.6435, 14.4949, 13.6000



25.6130, 14.4949, 3.6300

Triad

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



28.6435, 14.4949, 13.6000



8.3146, 14.4949, 1.2198



9.3442, 14.4949, 67.4029

Complementary

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



28.6435, 14.4949, 13.6000



25.5099, 46.6847, 21.8653

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.



6.2991, 14.4949, 42.1399



28.6435, 14.4949, 13.6000



5.8360, 14.4949, 5.3331

Square

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



28.6435, 14.4949, 13.6000



12.9922, 14.4949, 0.3426



5.2216, 14.4949, 18.1868



14.5927, 14.4949, 76.2852

Rectangle

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



28.6435, 14.4949, 13.6000



21.6594, 14.4949, 1.3418



5.2216, 14.4949, 18.1868



8.0848, 14.4949, 59.9494

Sweetspot

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



28.6439, 14.4958, 13.6002



69.5852, 58.2302, 72.1731



17.6938, 7.7927, 60.8931



14.3016, 11.5199, 14.5071



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.



28.6439, 14.4958, 13.6002



44.8279, 22.6952, 20.8238



26.3329, 13.6319, 1.2445



12.0433, 11.9020, 13.5037



17.7094, 8.9566, 8.6420



1.0302, 0.5168, 0.6939

Inverse Universe

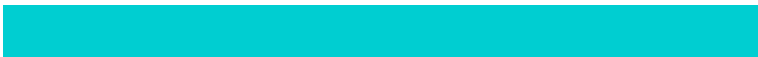
The Inverse Universe completely reimagines the original color for something new.



28.6439, 14.4958, 13.6002



44.8279, 22.6952, 20.8238



33.4644, 48.5142, 67.9219



12.0433, 11.9020, 13.5037



17.7094, 8.9566, 8.6420



1.0302, 0.5168, 0.6939

Previews

White Background



This preview shows how the XYZ color 28.6435, 14.4949, 13.6000 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 28.6435, 14.4949, 13.6000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

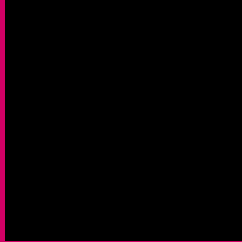
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.6435, 14.4949, 13.6000

Background



This preview shows how black text looks on a background with the XYZ color 28.6435, 14.4949, 13.6000.



This preview shows how white text looks on a background with the XYZ color 28.6435, 14.4949,

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

28.6435, 14.4949, 13.6000

Protanopia

15.3758, 15.1321, 29.3045

Deuteranopia

15.3395, 15.0333, 12.2185



Tritanopia

26.5954, 14.7926, 3.4610

Trichromacy



Original Color

28.6435, 14.4949, 13.6000

Protanomaly

16.5776, 11.1492, 22.3974

Deuteranomaly

17.7241, 11.7906, 12.1681

Tritanomaly

26.9493, 14.3085, 5.8989

Monochromacy



Original Color

28.6435, 14.4949, 13.6000

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

10.7851, 6.8841, 9.1478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6435, 14.4949, 13.6000 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, 101)` looks like.

```
.text, #text, p{  
  color:rgb(209, 0, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 101) }
```

Border

The CSS property to change the border of an element to XYZ 28.6435, 14.4949, 13.6000 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, 101) }
```


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

```
.border{ border-color:rgb(209, 0, 101) }
```

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, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 101);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6435, 14.4949, 13.6000 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, 101) }
```

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

```
.background{ background-color: rgb(209, 0,  
101) }
```

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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