

Converting Colors

XYZ(27.4141, 13.8423, 14.3948)

Have a look what the booklet for
XYZ(27.4141, 13.8423, 14.3948)
contains.

XYZ(27.4005, 13.8368, 14.3233)	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(27.4005, 13.8368,
14.3233)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0068
RGB	204, 0, 104
RGB Percent	80%, 0%, 41%
CMY	0.2000, 0.9999, 0.5922
CMYK	0.00, 1.00, 0.49, 0.20
HSL	329°, 100%, 40%
HSV	329°, 100%, 80%
XYZ	27.4005, 13.8368, 14.3233
YIQ	72.8520, 88.2000, 75.5920

Conversions

Conversions Part 2

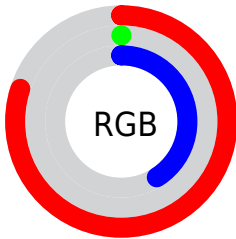
Format	Color
RYB	204, 0, 104
Decimal	13369448
CIELab	44.00, 71.69, 1.73
CIElCh	44, 71.710, 1.381
Yxy	13.8368, 0.4932, 0.2490
Android (android.graphics.Color)	4291559528 (0xFFCC0068)
YUV	72.8520, 15.3560, 115.0168
Hunter-Lab	37.1978, 66.3896, 3.2085

Details

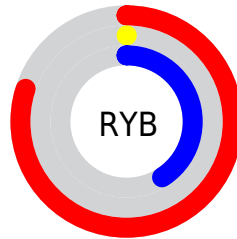
The XYZ color **27.4005, 13.8368, 14.3233** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **23.8953, 44.1066, 19.3200**, and the grayscale version is **6.2739, 6.6007, 7.1881**.

A 20% lighter version of the original color is **50.6461, 30.6060, 34.2485**, and **12.0662, 6.1350, 4.4191** is the 20% darker color. If you saturate the color by 10%, you get **27.3995, 13.8364, 14.3184**, and if you desaturate by 10%, it is **28.1971, 14.5682, 17.2460**.

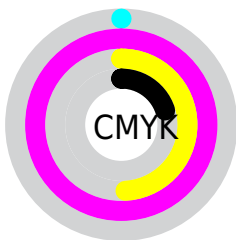
Distribution



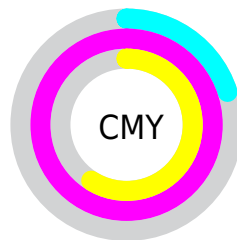
- Red (80%)
- Green (0%)
- Blue (41%)



- Red (80%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4005, 13.8368, 14.3233 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 27.4005, 13.8368, 14.3233 by changing the saturation by 10% instead.

 27.4005, 13.8368,
14.3233


 27.4005, 13.8368,
14.3233


281.7234,
216.2132, 230.7309


 18.0124, 8.0072,
8.2046


 54.9412, 32.7992,
34.3869


 11.0586, 4.0996,
4.1365


 73.8246, 46.7008,
49.1689


 6.1739, 1.7294,
1.7005


 96.6037, 64.0619,
67.6757

 2.9927, 0.4426,
0.3611

 123.6439, 85.2668,
90.3258

 1.1499, 0.0000,
0.0000

 155.3107,
110.7000, 117.5379

 0.0663, 0.0000,
0.0000

 191.9693,

 0.0000, 0.0000,

140.7459, 149.7304

0.0000

233.9850,
175.7888, 187.3219

■ 27.4005, 13.8368,
14.3233

■ 27.4005, 13.8368,
14.3233

■ 27.3995, 13.8364,
14.3184

■ 28.1971, 14.5682,
17.2460

■ 29.3274, 15.8673,
20.5870

■ 30.8867, 17.9216,
24.3876

■ 32.9264, 20.8312,
28.6739

■ 35.4903, 24.6808,
33.4692

■ 38.6170, 29.5448,
38.7945

■ 42.3411, 35.4900,
44.6696

■ 46.6944, 42.5774,
51.1126

■ 51.7064, 50.8636,
58.1410

Harmonies

Analogous

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



25.2824, 13.8368, 35.6080



27.4005, 13.8368, 14.3233



24.8769, 13.8368, 3.9313

Triad

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



27.4005, 13.8368, 14.3233



8.2376, 13.8368, 1.0246



8.5765, 13.8368, 62.7018

Complementary

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



27.4005, 13.8368, 14.3233



23.8953, 44.1066, 19.3200

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.



5.8481, 13.8368, 37.9796



27.4005, 13.8368, 14.3233



5.6958, 13.8368, 4.4900

Square

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



27.4005, 13.8368, 14.3233



12.8895, 13.8368, 0.2915



4.9661, 13.8368, 15.8338



13.4169, 13.8368, 73.1107

Rectangle

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



27.4005, 13.8368, 14.3233



21.2296, 13.8368, 1.4510



4.9661, 13.8368, 15.8338



7.4368, 13.8368, 55.1989

Sweetspot

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



27.4009, 13.8376, 14.3235



69.8487, 58.3356, 73.5610



16.0035, 6.9917, 57.6326



14.3639, 11.5448, 14.8348



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.



27.4009, 13.8376, 14.3235



45.2677, 22.8711, 23.1398



24.9210, 12.8457, 1.2647



11.4470, 11.3075, 12.8883



17.2928, 8.7277, 9.2607



0.9304, 0.4656, 0.6794

Inverse Universe

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



27.4009, 13.8376, 14.3235



45.2677, 22.8711, 23.1398



32.0889, 47.3841, 62.4669



11.4470, 11.3075, 12.8883



17.2928, 8.7277, 9.2607



0.9304, 0.4656, 0.6794

Previews

White Background



This preview shows how the XYZ color 27.4005, 13.8368, 14.3233 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 27.4005, 13.8368, 14.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

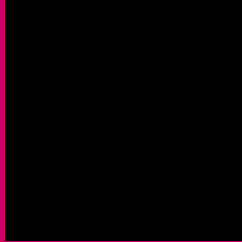
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.4005, 13.8368, 14.3233

Background



This preview shows how black text looks on a background with the XYZ color 27.4005, 13.8368, 14.3233.



This preview shows how white text looks on a background with the XYZ color 27.4005, 13.8368,

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

27.4005, 13.8368, 14.3233

Protanopia

14.9702, 14.5805, 30.8795

Deuteranopia

14.5627, 14.3220, 12.8234



Tritanopia

25.2806, 14.1635, 3.4992

Trichromacy



Original Color

27.4005, 13.8368, 14.3233



Protanomaly

15.9137, 10.6943, 23.4158



Deuteranomaly

16.8574, 11.2417, 12.8367



Tritanomaly

25.6519, 13.6655, 6.1362

Monochromacy



Original Color

27.4005, 13.8368, 14.3233



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.4624, 6.6590, 9.1214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4005, 13.8368, 14.3233 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(204, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 104)  
}
```

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(204, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 104) }
```

Border

The CSS property to change the border of an element to XYZ 27.4005, 13.8368, 14.3233 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(204, 0, 104) }
```


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

```
.border{ border-color:rgb(204, 0, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4005, 13.8368, 14.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 104) }
```

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

```
.background{ background-color: rgb(204, 0,  
104) }
```

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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