

Converting Colors

XYZ(30.4319, 14.8905, 37.4633)

Have a look what the booklet for
XYZ(30.4319, 14.8905, 37.4633)
contains.

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Color

**XYZ(30.4361, 14.8953,
37.3473)**

Conversions

Conversions Part 1

Format	Color
Hex	C700A6
RGB	199, 0, 166
RGB Percent	78%, 0%, 65%
CMY	0.2196, 0.9999, 0.3490
CMYK	0.00, 1.00, 0.17, 0.22
HSL	310°, 100%, 39%
HSV	310°, 100%, 78%
XYZ	30.4361, 14.8953, 37.3473
YIQ	78.4250, 65.3180, 93.8140

Conversions

Conversions Part 2

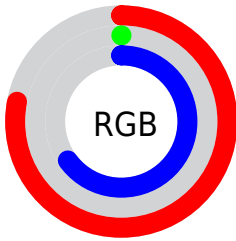
Format	Color
RYB	199, 0, 166
Decimal	13041830
CIELab	45.49, 77.03, -33.98
CIELCh	45, 84.192, 336.195
Yxy	14.8953, 0.3681, 0.1802
Android (android.graphics.Color)	4291231910 (0xFFC700A6)
YUV	78.4250, 43.1745, 105.7443
Hunter-Lab	38.5944, 73.2273, -30.3580

Details

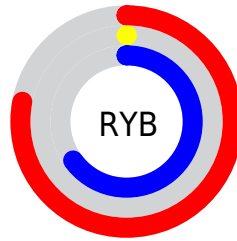
The XYZ color **30.4361, 14.8953, 37.3473** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **20.6989, 40.9573, 8.2558**, and the grayscale version is **7.2375, 7.6144, 8.2921**.

A 20% lighter version of the original color is **57.9473, 33.7928, 71.8751**, and **13.8525, 6.7904, 16.5002** is the 20% darker color. If you saturate the color by 10%, you get **30.4358, 14.8952, 37.3449**, and if you desaturate by 10%, it is **30.9920, 15.5160, 39.0458**.

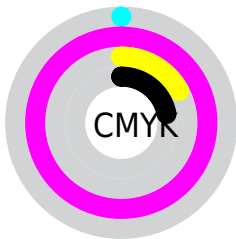
Distribution



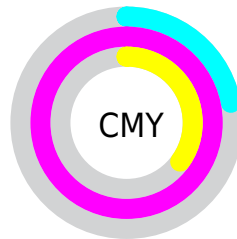
- Red (78%)
- Green (0%)
- Blue (65%)



- Red (78%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4361, 14.8953, 37.3473 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 30.4361, 14.8953, 37.3473 by changing the saturation by 10% instead.

 30.4361, 14.8953,
37.3473


 30.4361, 14.8953,
37.3473


295.8054,
222.7316, 350.0256


 20.3196, 8.7459,
25.1786


 59.7331, 34.6694,
72.2989


 12.7372, 4.5758,
15.9899


 79.6442, 49.0629,
95.9189


 7.3235, 2.0006,
9.3628


 103.5509, 66.9733,
124.1931

 3.7134, 0.6078,
4.8785

 131.8185, 88.7849,
157.5400

 1.5413, 0.0000,
2.1187

 164.8124,
114.8822, 196.3781

 0.3537, 0.0000,
0.6268

 202.8980,

 0.0000, 0.0000,

145.6494, 241.1261

0.0000

246.4405,
181.4711, 292.2024

■ 30.4361, 14.8953,
37.3473

■ 30.4361, 14.8953,
37.3473

■ 30.4358, 14.8952,
37.3449

■ 30.9920, 15.5160,
39.0458

■ 31.8108, 16.6502,
40.8704

■ 32.9820, 18.4766,
42.8515

■ 34.5523, 21.0887,
45.0047

■ 36.5614, 24.5653,
47.3436

■ 39.0438, 28.9759,
49.8801

■ 42.0308, 34.3825,
52.6247

■ 45.5509, 40.8423,
55.5872

■ 49.6303, 48.4077,
58.7767

Harmonies

Analogous

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



23.7126, 14.8953, 71.6531



30.4361, 14.8953, 37.3473



32.2518, 14.8953, 12.3962

Triad

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



30.4361, 14.8953, 37.3473



12.7511, 14.8953, 0.0000



5.8223, 14.8953, 51.4086

Complementary

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



30.4361, 14.8953, 37.3473



20.6989, 40.9573, 8.2558

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.



4.5346, 14.8953, 20.7553



30.4361, 14.8953, 37.3473



7.5915, 14.8953, 0.7332

Square

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



30.4361, 14.8953, 37.3473



20.3312, 14.8953, 0.0981



5.0537, 14.8953, 5.0876



9.3803, 14.8953, 83.4754

Rectangle

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



30.4361, 14.8953, 37.3473



30.0418, 14.8953, 4.4428



5.0537, 14.8953, 5.0876



5.1743, 14.8953, 39.9518

Sweetspot

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



30.4366, 14.8961, 37.3476



73.3340, 59.7297, 91.9141



10.8411, 4.3984, 54.3107



15.1976, 11.8783, 19.2252



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.



30.4366, 14.8961, 37.3476



53.2130, 26.0492, 64.9790



24.6488, 12.5809, 6.8693



11.0046, 10.7852, 13.0077



19.5986, 9.5890, 24.1597



0.9487, 0.4623, 1.2528

Inverse Universe

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



30.4366, 14.8961, 37.3476



53.2130, 26.0492, 64.9790



24.4105, 42.4419, 27.8007



11.0046, 10.7852, 13.0077



19.5986, 9.5890, 24.1597



0.9487, 0.4623, 1.2528

Previews

White Background



This preview shows how the XYZ color 30.4361, 14.8953, 37.3473 looks on a white background.

Color Contrast Check

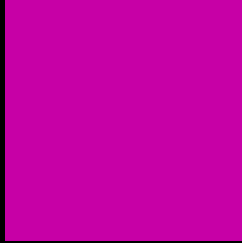
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4361, 14.8953, 37.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

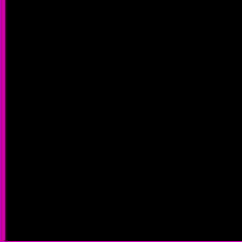
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.4361, 14.8953, 37.3473

Background



This preview shows how black text looks on a background with the XYZ color 30.4361, 14.8953, 37.3473.



This preview shows how white text looks on a background with the XYZ color 30.4361, 14.8953,

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

30.4361, 14.8953, 37.3473

Protanopia

18.7446, 15.7443, 73.2852

Deuteranopia

15.9836, 15.6647, 33.6337



Tritanopia

24.4503, 15.2866, 7.2922

Trichromacy



Original Color

30.4361, 14.8953, 37.3473



Protanomaly

15.5787, 9.7517, 58.1879



Deuteranomaly

17.9890, 11.6998, 34.5679



Tritanomaly

25.5398, 14.0547, 14.4634

Monochromacy



Original Color

30.4361, 14.8953, 37.3473



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

11.9811, 7.5446, 15.5766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4361, 14.8953, 37.3473 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(199, 0, 166)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 166)  
}
```

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(199, 0, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.4361, 14.8953, 37.3473 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(199, 0, 166) }
```


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

```
.border{ border-color:rgb(199, 0, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 0, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 166);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4361, 14.8953, 37.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 166) }
```

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

```
.background{ background-color: rgb(199, 0,  
166) }
```

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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