

Converting Colors

XYZ(29.5695, 14.7053, 25.7414)

Have a look what the booklet for
XYZ(29.5695, 14.7053, 25.7414)
contains.

XYZ(29.5620, 14.7014, 25.7057)	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(29.5620, 14.7014,
25.7057)**

Conversions

Conversions Part 1

Format	Color
Hex	CC008B
RGB	204, 0, 139
RGB Percent	80%, 0%, 55%
CMY	0.2000, 0.9999, 0.4549
CMYK	0.00, 1.00, 0.32, 0.20
HSL	319°, 100%, 40%
HSV	319°, 100%, 80%
XYZ	29.5620, 14.7014, 25.7057
YIQ	76.8420, 76.9650, 86.4770

Conversions

Conversions Part 2

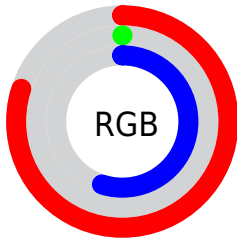
Format	Color
RYB	204, 0, 139
Decimal	13369483
CIELab	45.22, 74.88, -18.05
CIElCh	45, 77.023, 346.444
Yxy	14.7014, 0.4225, 0.2101
Android (android.graphics.Color)	4291559563 (0xFFCC008B)
YUV	76.8420, 30.6439, 111.5176
Hunter-Lab	38.3424, 70.5243, -12.9098

Details

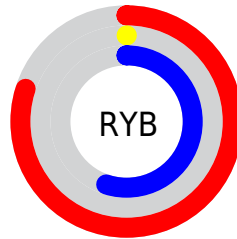
The XYZ color **29.5620, 14.7014, 25.7057** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **22.5484, 43.5680, 12.2273**, and the grayscale version is **6.9633, 7.3259, 7.9779**.

A 20% lighter version of the original color is **54.4380, 32.2550, 53.8087**, and **13.3048, 6.6506, 10.0336** is the 20% darker color. If you saturate the color by 10%, you get **29.5613, 14.7011, 25.7016**, and if you desaturate by 10%, it is **30.3093, 15.4130, 28.3688**.

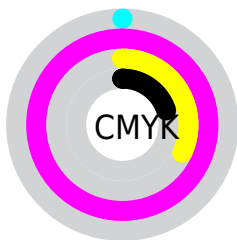
Distribution



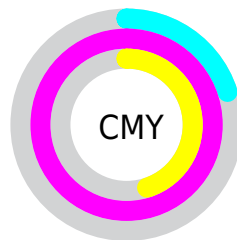
- Red (80%)
- Green (0%)
- Blue (55%)



- Red (80%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5620, 14.7014, 25.7057 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 29.5620, 14.7014, 25.7057 by changing the saturation by 10% instead.


 29.5620, 14.7014,
25.7057


 29.5620, 14.7014,
25.7057


291.8041,
221.5517, 294.8937


 19.6528, 8.6101,
16.3798

 58.3602, 34.3285,
53.7780


 12.2497, 4.4877,
9.6361


 77.9799, 48.6331,
73.3615


 6.9874, 1.9500,
5.0559


 101.5672, 66.4442,
97.2014

 3.5005, 0.5782,
2.2208

 129.4873, 88.1462,
125.7160

 1.4236, 0.0000,
0.6863

 162.1057,
114.1236, 159.3240

 0.2730, 0.0000,
0.0000

 199.7878,

 0.0000, 0.0000,

144.7607, 198.4440

0.0000

242.8988,
180.4419, 243.4944

■ 29.5620, 14.7014,
25.7057

■ 29.5620, 14.7014,
25.7057

■ 29.5613, 14.7011,
25.7016

■ 30.3093, 15.4130,
28.3688

■ 31.3568, 16.6789,
31.2735

■ 32.7982, 18.6860,
34.4536

■ 34.6836, 21.5338,
37.9279

■ 37.0556, 25.3065,
41.7129

■ 39.9514, 30.0781,
45.8230

■ 43.4046, 35.9147,
50.2716

■ 47.4457, 42.8772,
55.0708

■ 52.1031, 51.0214,
60.2322

Harmonies

Analogous

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



24.8481, 14.7014, 54.3282



29.5620, 14.7014, 25.7057



29.2997, 14.7014, 7.9958

Triad

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



29.5620, 14.7014, 25.7057



10.7880, 14.7014, 0.2864



7.1243, 14.7014, 57.1977

Complementary

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



29.5620, 14.7014, 25.7057



22.5484, 43.5680, 12.2273

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.



5.2168, 14.7014, 28.1168



29.5620, 14.7014, 25.7057



6.8496, 14.7014, 1.9675

Square

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



29.5620, 14.7014, 25.7057



17.0418, 14.7014, 0.2162



5.1345, 14.7014, 9.1186



11.2971, 14.7014, 79.9507

Rectangle

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



29.5620, 14.7014, 25.7057



26.3077, 14.7014, 2.9107



5.1345, 14.7014, 9.1186



6.2608, 14.7014, 47.1497

Sweetspot

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



29.5625, 14.7022, 25.7059



71.6304, 59.0483, 82.9431



13.0546, 5.4714, 57.4948



14.7877, 11.7143, 17.0669



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.



29.5625, 14.7022, 25.7059



48.8543, 24.3057, 42.0265



25.2429, 12.9744, 2.9596



11.5295, 11.3405, 13.3230



18.6502, 9.2706, 16.4082



0.9957, 0.4917, 1.0233

Inverse Universe

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



29.5625, 14.7022, 25.7059



48.8543, 24.3057, 42.0265



28.5320, 45.9615, 43.7364



11.5295, 11.3405, 13.3230



18.6502, 9.2706, 16.4082



0.9957, 0.4917, 1.0233

Previews

White Background



This preview shows how the XYZ color 29.5620, 14.7014, 25.7057 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 29.5620, 14.7014, 25.7057 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 29.5620, 14.7014, 25.7057

Background



This preview shows how black text looks on a background with the XYZ color 29.5620, 14.7014, 25.7057.



This preview shows how white text looks on a background with the XYZ color 29.5620, 14.7014,

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

29.5620, 14.7014, 25.7057

Protanopia

17.4614, 15.4753, 55.4928

Deuteranopia

15.7174, 15.4421, 23.2713



Tritanopia

25.3934, 15.0336, 5.4343

Trichromacy



Original Color

29.5620, 14.7014, 25.7057



Protanomaly

17.0132, 10.8335, 42.7893



Deuteranomaly

17.8024, 11.7570, 23.5213



Tritanomaly

26.1407, 14.1695, 10.3740

Monochromacy



Original Color

29.5620, 14.7014, 25.7057



Achromatopsia

7.0540, 7.4214, 8.0819



Achromatomaly

11.5669, 7.3277, 12.8613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5620, 14.7014, 25.7057 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 139) }
```

Border

The CSS property to change the border of an element to XYZ 29.5620, 14.7014, 25.7057 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, 139) }
```


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

```
.border{ border-color:rgb(204, 0, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5620, 14.7014, 25.7057 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, 139) }
```

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

```
.background{ background-color: rgb(204, 0,  
139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor