

Converting Colors

XYZ(28.2818, 14.2708, 15.2861)

Have a look what the booklet for
XYZ(28.2818, 14.2708, 15.2861)
contains.

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Color

**XYZ(28.3860, 14.3269,
15.1792)**

Conversions

Conversions Part 1

Format	Color
Hex	CF006B
RGB	207, 0, 107
RGB Percent	81%, 0%, 42%
CMY	0.1882, 0.9999, 0.5804
CMYK	0.00, 1.00, 0.48, 0.19
HSL	329°, 100%, 41%
HSV	329°, 100%, 81%
XYZ	28.3860, 14.3269, 15.1792
YIQ	74.0910, 89.0250, 77.1610

Conversions

Conversions Part 2

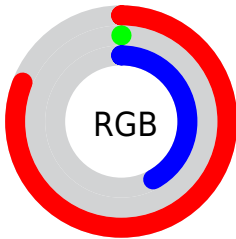
Format	Color
R_{YB}	207, 0, 107
Decimal	13566059
CIE _{Lab}	44.70, 72.58, 0.95
CIE _{LCh}	45, 72.591, 0.749
Yxy	14.3269, 0.4903, 0.2475
Android (android.graphics.Color)	4291756139 (0xFFCF006B)
YUV	74.0910, 16.2241, 116.5612
Hunter-Lab	37.8509, 67.6257, 2.7188

Details

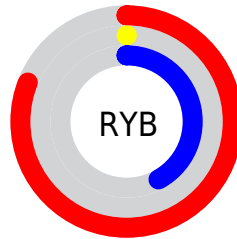
The XYZ color **28.3860, 14.3269, 15.1792** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **24.6153, 45.5467, 19.5601**, and the grayscale version is **6.4897, 6.8277, 7.4354**.

A 20% lighter version of the original color is **50.9839, 30.8734, 35.6198**, and **12.6697, 6.4372, 4.8497** is the 20% darker color. If you saturate the color by 10%, you get **28.3850, 14.3266, 15.1742**, and if you desaturate by 10%, it is **29.2065, 15.0765, 18.2010**.

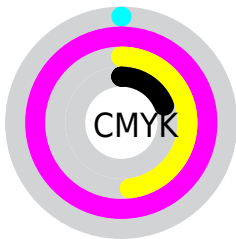
Distribution



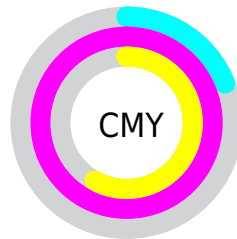
- Red (81%)
- Green (0%)
- Blue (42%)



- Red (81%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3860, 14.3269, 15.1792 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 28.3860, 14.3269, 15.1792 by changing the saturation by 10% instead.


 28.3860, 14.3269,
15.1792


 28.3860, 14.3269,
15.1792


286.3535,
219.2551, 236.1263

 18.7588, 8.3484,
8.7972


 56.5045, 33.6679,
35.9140


 11.5991, 4.3187,
4.5142


 75.7264, 47.7993,
51.1039


 6.5415, 1.8534,
1.9114


 98.8773, 65.4170,
70.0668

 3.2208, 0.5201,
0.5000

 126.3225, 86.9055,
93.2214

 1.2716, 0.0000,
0.0000

 158.4274,
112.6491, 120.9861

 0.1618, 0.0000,
0.0000

 195.5573,

 0.0000, 0.0000,

143.0324, 153.7794

0.0000

238.0775,
178.4396, 192.0200

■ 28.3860, 14.3269,
15.1792

■ 28.3860, 14.3269,
15.1792

■ 28.3850, 14.3266,
15.1742

■ 29.2065, 15.0765,
18.2010

■ 30.3713, 16.4141,
21.6475

■ 31.9780, 18.5319,
25.5606

■ 34.0800, 21.5339,
29.9671

■ 36.7226, 25.5078,
34.8904

■ 39.9456, 30.5307,
40.3522

■ 43.7851, 36.6719,
46.3723

■ 48.2737, 43.9947,
52.9694

■ 53.4421, 52.5576,
60.1611

Harmonies

Analogous

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



26.0937, 14.3269, 37.4452



28.3860, 14.3269, 15.1792



25.8658, 14.3269, 4.1929

Triad

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



28.3860, 14.3269, 15.1792



8.6054, 14.3269, 1.0277



8.7957, 14.3269, 64.5196

Complementary

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



28.3860, 14.3269, 15.1792



24.6153, 45.5467, 19.5601

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.



6.0143, 14.3269, 38.7779



28.3860, 14.3269, 15.1792



5.9288, 14.3269, 4.5064

Square

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



28.3860, 14.3269, 15.1792



13.4697, 14.3269, 0.3133



5.1372, 14.3269, 16.0276



13.7659, 14.3269, 75.7757

Rectangle

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



28.3860, 14.3269, 15.1792



22.1216, 14.3269, 1.5469



5.1372, 14.3269, 16.0276



7.6310, 14.3269, 56.6568

Sweetspot

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



28.3864, 14.3278, 15.1794



69.9198, 58.3640, 73.9352



16.1523, 7.0264, 59.5364



14.3807, 11.5515, 14.9233



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.



28.3864, 14.3278, 15.1794



45.3905, 22.9202, 23.7861



25.7705, 13.2814, 1.4045



12.0602, 11.9088, 13.5927



17.9319, 9.0456, 9.8137



1.0427, 0.5218, 0.7594

Inverse Universe

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



28.3864, 14.3278, 15.1794



45.3905, 22.9202, 23.7861



32.7504, 48.8007, 62.3990



12.0602, 11.9088, 13.5927



17.9319, 9.0456, 9.8137



1.0427, 0.5218, 0.7594

Previews

White Background



This preview shows how the XYZ color 28.3860, 14.3269, 15.1792 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 28.3860, 14.3269, 15.1792 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 28.3860, 14.3269, 15.1792

Background



This preview shows how black text looks on a background with the XYZ color 28.3860, 14.3269, 15.1792.



This preview shows how white text looks on a background with the XYZ color 28.3860, 14.3269,

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

28.3860, 14.3269, 15.1792

Protanopia

15.5010, 14.9683, 32.6440

Deuteranopia

15.1810, 14.9200, 13.6350



Tritanopia

26.1658, 14.6677, 3.7376

Trichromacy



Original Color

28.3860, 14.3269, 15.1792



Protanomaly

16.3540, 10.8888, 24.9067



Deuteranomaly

17.4340, 11.6083, 13.6337



Tritanomaly

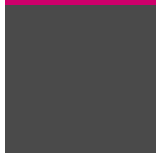
26.5521, 14.1563, 6.4873

Monochromacy



Original Color

28.3860, 14.3269, 15.1792



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.7223, 6.8425, 9.5597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3860, 14.3269, 15.1792 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(207, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 107)  
}
```

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(207, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 107) }
```

Border

The CSS property to change the border of an element to XYZ 28.3860, 14.3269, 15.1792 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(207, 0, 107) }
```


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

```
.border{ border-color:rgb(207, 0, 107) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3860, 14.3269, 15.1792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 107) }
```

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

```
.background{ background-color: rgb(207, 0,  
107) }
```

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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