

Converting Colors

XYZ(28.2830, 14.5895, 14.9991)

Have a look what the booklet for
XYZ(28.2830, 14.5895, 14.9991)
contains.

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Color

**XYZ(28.2714, 14.5950,
14.9627)**

Conversions

Conversions Part 1

Format	Color
Hex	CE126A
RGB	206, 18, 106
RGB Percent	81%, 7%, 42%
CMY	0.1922, 0.9293, 0.5843
CMYK	0.00, 0.91, 0.49, 0.19
HSL	332°, 84%, 44%
HSV	332°, 91%, 81%
XYZ	28.2714, 14.5950, 14.9627
YIQ	84.2440, 83.8000, 67.2240

Conversions

Conversions Part 2

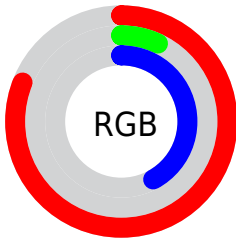
Format	Color
R_{YB}	206, 18, 106
Decimal	13505130
CIE Lab	45.07, 70.51, 2.09
CIE LCh	45, 70.543, 1.700
Yxy	14.5950, 0.4889, 0.2524
Android (android.graphics.Color)	4291695210 (0xFFCE126A)
YUV	84.2440, 10.7257, 106.7800
Hunter-Lab	38.2034, 65.2382, 3.5209

Details

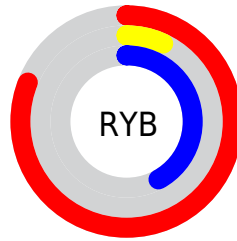
The XYZ color **28.2714, 14.5950, 14.9627** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **25.5928, 45.5800, 24.5966**, and the grayscale version is **8.4465, 8.8863, 9.6772**.

A 20% lighter version of the original color is **51.2402, 31.5230, 35.2822**, and **12.4665, 6.3355, 4.7035** is the 20% darker color. If you saturate the color by 10%, you get **27.5838, 13.9739, 12.4090**, and if you desaturate by 10%, it is **29.3753, 15.8318, 18.3246**.

Distribution



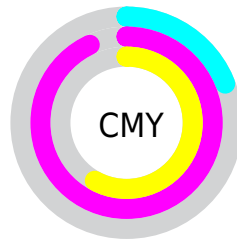
- Red (81%)
- Green (7%)
- Blue (42%)



- Red (81%)
- Yellow (7%)
- Blue (42%)



- Cyan (0%)
- Magenta (91%)
- Yellow (49%)
- Black (19%)





- Cyan (19%)
- Magenta (93%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2714, 14.5950, 14.9627 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 28.2714, 14.5950, 14.9627 by changing the saturation by 10% instead.


 28.2714, 14.5950,
14.9627


 28.2714, 14.5950,
14.9627


285.8181,
220.9016, 234.7733


 18.6718, 8.5356,
8.6469


 56.3231, 34.1411,
35.5291


 11.5360, 4.4396,
4.4179


 75.5059, 48.3966,
50.6168


 6.4985, 1.9224,
1.8573


 98.6139, 66.1530,
69.4655

 3.1940, 0.5618,
0.4654

 126.0123, 87.7947,
92.4937

 1.2572, 0.0000,
0.0000

 158.0666,
113.7060, 120.1201

 0.1508, 0.0000,
0.0000

 195.1421,

 0.0000, 0.0000,

144.2713, 152.7632

0.0000

237.6042,
179.8750, 190.8414

■ 28.2714, 14.5950,
14.9627

■ 28.2714, 14.5950,
14.9627

■ 27.5838, 13.9739,
12.4090

■ 29.3753, 15.8318,
18.3246

■ 30.9201, 17.8294,
22.2056

■ 32.9607, 20.6942,
26.6362

■ 35.5435, 24.5149,
31.6435

■ 38.7091, 29.3689,
37.2521

■ 42.4938, 35.3259,
43.4848

■ 46.9312, 42.4492,
50.3632

■ 52.0520, 50.7975,
57.9074

■ 57.8852, 60.4253,
66.1366

Harmonies

Analogous

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



26.1900, 14.5950, 36.3511



28.2714, 14.5950, 14.9627



25.6879, 14.5950, 4.3235

Triad

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



28.2714, 14.5950, 14.9627



8.7985, 14.5950, 1.2637



9.2283, 14.5950, 63.8608

Complementary

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



28.2714, 14.5950, 14.9627



25.5928, 45.5800, 24.5966

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.



6.3828, 14.5950, 39.2752



28.2714, 14.5950, 14.9627



6.1876, 14.5950, 5.0498

Square

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



28.2714, 14.5950, 14.9627



13.5439, 14.5950, 0.5035



5.4443, 14.5950, 16.8579



14.2056, 14.5950, 73.9645

Rectangle

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



28.2714, 14.5950, 14.9627



21.9953, 14.5950, 1.6952



5.4443, 14.5950, 16.8579



8.0448, 14.5950, 56.4424

Sweetspot

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



28.2718, 14.5959, 14.9629



71.5342, 61.5225, 74.6904



18.4467, 8.5444, 59.0693



14.8019, 12.3548, 15.1844



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.



28.2718, 14.5959, 14.9629



44.5904, 22.6002, 19.5730



25.8340, 13.7077, 1.8577



11.4272, 11.2996, 12.7841



17.0334, 8.6239, 7.8945



0.9170, 0.4602, 0.6085

Inverse Universe

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



28.2718, 14.5959, 14.9629



44.5904, 22.6002, 19.5730



32.7150, 47.2341, 65.7852



11.4272, 11.2996, 12.7841



17.0334, 8.6239, 7.8945



0.9170, 0.4602, 0.6085

Previews

White Background



This preview shows how the XYZ color 28.2714, 14.5950, 14.9627 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 28.2714, 14.5950, 14.9627 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 28.2714, 14.5950, 14.9627

Background



This preview shows how black text looks on a background with the XYZ color 28.2714, 14.5950, 14.9627.



This preview shows how white text looks on a background with the XYZ color 28.2714, 14.5950,

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

28.2714, 14.5950, 14.9627

Protanopia

15.4597, 15.1294, 31.3836

Deuteranopia

15.1340, 14.9013, 13.3878



Tritanopia

26.0406, 14.7627, 3.9596

Trichromacy



Original Color

28.2714, 14.5950, 14.9627

Protanomaly

16.8809, 11.9323, 24.3351

Deuteranomaly

17.8197, 12.4575, 13.5219

Tritanomaly

26.5160, 14.4447, 6.7007

Monochromacy



Original Color

28.2714, 14.5950, 14.9627

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

12.4497, 8.5936, 11.1278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2714, 14.5950, 14.9627 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(206, 18, 106)` looks like.

```
.text, #text, p{  
  color:rgb(206, 18, 106)  
}
```

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(206, 18, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 18, 106) }
```

Border

The CSS property to change the border of an element to XYZ 28.2714, 14.5950, 14.9627 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(206, 18, 106) }
```


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

```
.border{ border-color:rgb(206, 18, 106) }
```

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

Here you see how a box with a 4 pixel rgb(206, 18, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 18, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 18, 106);  
box-shadow:4px 4px 4px 4px rgb(206, 18,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2714, 14.5950, 14.9627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 18, 106) }
```

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

```
.background{ background-color: rgb(206, 18,  
106) }
```

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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