

Converting Colors

XYZ(28.6835, 14.4314, 17.4013)

Have a look what the booklet for
XYZ(28.6835, 14.4314, 17.4013)
contains.

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Color

**XYZ(28.8266, 14.5032,
17.4997)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0073
RGB	207, 0, 115
RGB Percent	81%, 0%, 45%
CMY	0.1882, 0.9998, 0.5490
CMYK	0.00, 1.00, 0.44, 0.19
HSL	327°, 100%, 41%
HSV	327°, 100%, 81%
XYZ	28.8266, 14.5032, 17.4997
YIQ	75.0030, 86.4570, 79.6490

Conversions

Conversions Part 2

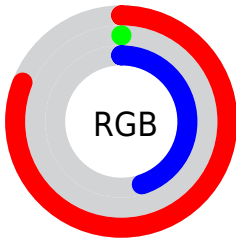
Format	Color
R_{YB}	207, 0, 115
Decimal	13566067
CIE _{Lab}	44.95, 73.24, -3.66
CIE _{LCh}	45, 73.327, 357.139
Yxy	14.5032, 0.4739, 0.2384
Android (android.graphics.Color)	4291756147 (0xFFCF0073)
YUV	75.0030, 19.7185, 115.7614
Hunter-Lab	38.0831, 68.4684, -0.5864

Details

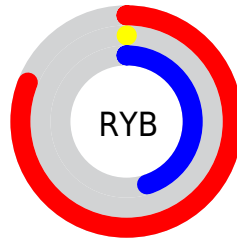
The XYZ color **28.8266, 14.5032, 17.4997** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **24.2468, 45.3992, 17.6195**, and the grayscale version is **6.6471, 6.9932, 7.6156**.

A 20% lighter version of the original color is **51.7874, 31.1948, 39.8509**, and **12.8672, 6.5162, 5.8898** is the 20% darker color. If you saturate the color by 10%, you get **28.8255, 14.5027, 17.4942**, and if you desaturate by 10%, it is **29.6463, 15.2526, 20.5173**.

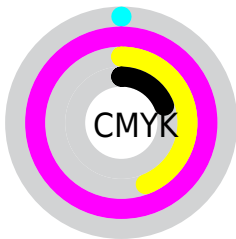
Distribution



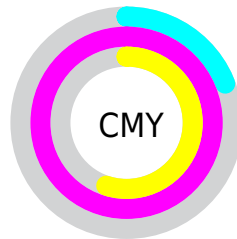
- Red (81%)
- Green (0%)
- Blue (45%)



- Red (81%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8266, 14.5032, 17.4997 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 28.8266, 14.5032, 17.4997 by changing the saturation by 10% instead.

 28.8266, 14.5032,
17.4997

 28.8266, 14.5032,
17.4997

288.4049,
220.3392, 250.1765


 19.0933, 8.4715,
10.4257


 57.2009, 33.9793,
39.9853


 11.8421, 4.3981,
5.5728


 76.5727, 48.1924,
56.2340

 6.7077, 1.8986,
2.5226


 99.8880, 65.9014,
76.3780

 3.3247, 0.5476,
0.8521

 127.5122, 87.4908,
100.8358

 1.3277, 0.0000,
0.0000

 159.8106,
113.3448, 130.0261

 0.2038, 0.0000,
0.0000

 197.1486,

 0.0000, 0.0000,

143.8480, 164.3672

0.0000

239.8916,
179.3846, 204.2778

■ 28.8266, 14.5032,
17.4997

■ 28.8266, 14.5032,
17.4997

■ 28.8255, 14.5027,
17.4942

■ 29.6463, 15.2526,
20.5173

■ 30.8019, 16.5865,
23.9149

■ 32.3904, 18.6972,
27.7319

■ 34.4649, 21.6882,
31.9928

■ 37.0701, 25.6473,
36.7190

■ 40.2456, 30.6514,
41.9300

■ 44.0269, 36.7695,
47.6437

■ 48.4465, 44.0648,
53.8769

■ 53.5347, 52.5957,
60.6454

Harmonies

Analogous

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



25.9323, 14.5032, 41.3789



28.8266, 14.5032, 17.4997



26.8203, 14.5032, 5.0023

Triad

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



28.8266, 14.5032, 17.4997



9.1613, 14.5032, 0.8557



8.4222, 14.5032, 63.0192

Complementary

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



28.8266, 14.5032, 17.4997



24.2468, 45.3992, 17.6195

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.



5.8528, 14.5032, 36.1812



28.8266, 14.5032, 17.4997



6.1843, 14.5032, 3.7883

Square

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



28.8266, 14.5032, 17.4997



14.3691, 14.5032, 0.2976



5.1713, 14.5032, 14.1983



13.2167, 14.5032, 77.1681

Rectangle

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



28.8266, 14.5032, 17.4997



23.2221, 14.5032, 1.8407



5.1713, 14.5032, 14.1983



7.3293, 14.5032, 54.5331

Sweetspot

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



28.8270, 14.5041, 17.4999



70.3103, 58.5202, 75.9918



15.4525, 6.6657, 59.5034



14.4732, 11.5885, 15.4104



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.



28.8270, 14.5041, 17.4999



46.0958, 23.2023, 27.5005



25.8107, 13.2975, 1.6160



12.0797, 11.9166, 13.6953



18.2098, 9.1567, 11.2767



1.0578, 0.5278, 0.8392

Inverse Universe

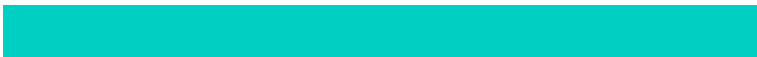
The Inverse Universe completely reimagines the original color for something new.



28.8270, 14.5041, 17.4999



46.0958, 23.2023, 27.5005



31.9615, 48.4850, 58.2446



12.0797, 11.9166, 13.6953



18.2098, 9.1567, 11.2767



1.0578, 0.5278, 0.8392

Previews

White Background



This preview shows how the XYZ color 28.8266, 14.5032, 17.4997 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 28.8266, 14.5032, 17.4997 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 28.8266, 14.5032, 17.4997

Background



This preview shows how black text looks on a background with the XYZ color 28.8266, 14.5032, 17.4997.



This preview shows how white text looks on a background with the XYZ color 28.8266, 14.5032,

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

28.8266, 14.5032, 17.4997

Protanopia

16.0737, 15.3067, 37.7046

Deuteranopia

15.3988, 15.1368, 15.7458



Tritanopia

26.0987, 14.8478, 4.0751

Trichromacy



Original Color

28.8266, 14.5032, 17.4997



Protanomaly

16.6937, 11.0661, 28.8599



Deuteranomaly

17.7164, 11.7938, 15.8107



Tritanomaly

26.4785, 14.1710, 7.3009

Monochromacy



Original Color

28.8266, 14.5032, 17.4997



Achromatopsia

6.6877, 7.0360, 7.6622



Achromatomaly

11.0708, 7.0630, 10.4527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8266, 14.5032, 17.4997 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 115) }
```

Border

The CSS property to change the border of an element to XYZ 28.8266, 14.5032, 17.4997 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, 115) }
```


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

```
.border{ border-color:rgb(207, 0, 115) }
```

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, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8266, 14.5032, 17.4997 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, 115) }
```

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

```
.background{ background-color: rgb(207, 0,  
115) }
```

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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