

Converting Colors

XYZ(28.5604, 14.8069, 15.4837)

Have a look what the booklet for
XYZ(28.5604, 14.8069, 15.4837)
contains.

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Color

**XYZ(28.7071, 14.8844,
15.5473)**

Conversions

Conversions Part 1

Format	Color
Hex	CF156C
RGB	207, 21, 108
RGB Percent	81%, 8%, 42%
CMY	0.1882, 0.9176, 0.5765
CMYK	0.00, 0.90, 0.48, 0.19
HSL	332°, 82%, 45%
HSV	332°, 90%, 81%
XYZ	28.7071, 14.8844, 15.5473
YIQ	86.5320, 82.9290, 66.4890

Conversions

Conversions Part 2

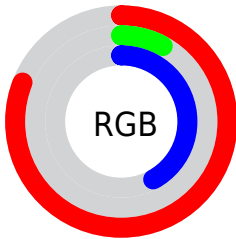
Format	Color
R_{YB}	207, 21, 108
Decimal	13571436
CIE _{Lab}	45.48, 70.49, 1.46
CIE _{LCh}	45, 70.505, 1.184
Yxy	14.8844, 0.4854, 0.2517
Android (android.graphics.Color)	4291761516 (0xFFCF156C)
YUV	86.5320, 10.5837, 105.6504
Hunter-Lab	38.5803, 65.3040, 3.1132

Details

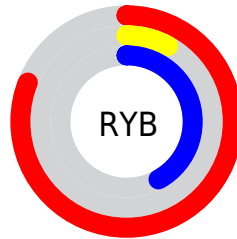
The XYZ color **28.7071, 14.8844, 15.5473** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **26.0141, 46.1419, 25.3116**, and the grayscale version is **8.9268, 9.3917, 10.2276**.

A 20% lighter version of the original color is **51.5007, 31.7686, 36.2185**, and **12.6964, 6.4479, 4.9903** is the 20% darker color. If you saturate the color by 10%, you get **27.8924, 14.1351, 12.5629**, and if you desaturate by 10%, it is **29.8812, 16.2341, 19.0174**.

Distribution



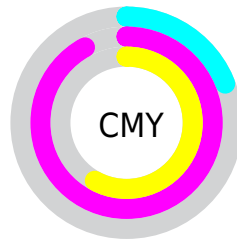
- Red (81%)
- Green (8%)
- Blue (42%)



- Red (81%)
- Yellow (8%)
- Blue (42%)



- Cyan (0%)
- Magenta (90%)
- Yellow (48%)
- Black (19%)





- Cyan (19%)
- Magenta (92%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7071, 14.8844, 15.5473 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 28.7071, 14.8844, 15.5473 by changing the saturation by 10% instead.


 28.7071, 14.8844,
15.5473


 28.7071, 14.8844,
15.5473


287.8497,
222.6655, 238.4092


 19.0025, 8.7383,
9.0535


 57.0122, 34.6503,
36.5663


 11.7761, 4.5709,
4.6788


 76.3434, 49.0388,
51.9285


 6.6625, 1.9978,
2.0047


 99.6142, 66.9436,
71.0841

 3.2964, 0.6062,
0.5581

 127.1900, 88.7491,
94.4514

 1.3124, 0.0000,
0.0000

 159.4361,
114.8396, 122.4490

 0.1925, 0.0000,
0.0000

 196.7178,

 0.0000, 0.0000,

145.5996, 155.4955

0.0000

239.4005,
181.4134, 194.0094

■ 28.7071, 14.8844,
15.5473

■ 28.7071, 14.8844,
15.5473

■ 27.8924, 14.1351,
12.5629

■ 29.8812, 16.2341,
19.0174

■ 27.8809, 14.1249,
12.5197

■ 31.5097, 18.3695,
23.0175

■ 33.6468, 21.3955,
27.5781

■ 36.3384, 25.3998,
32.7260

■ 39.6249, 30.4598,
38.4861

■ 43.5427, 36.6447,
44.8812

■ 48.1253, 44.0181,
51.9328

■ 53.4037, 52.6386,
59.6613

■ 59.4067, 62.5609,
68.0860

Harmonies

Analogous

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



26.5274, 14.8844, 37.3268



28.7071, 14.8844, 15.5473



26.1740, 14.8844, 4.5662

Triad

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



28.7071, 14.8844, 15.5473



9.0685, 14.8844, 1.2969



9.3724, 14.8844, 64.2667

Complementary

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



28.7071, 14.8844, 15.5473



26.0141, 46.1419, 25.3116

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.



6.5185, 14.8844, 39.3826



28.7071, 14.8844, 15.5473



6.3803, 14.8844, 5.0820

Square

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



28.7071, 14.8844, 15.5473



13.9151, 14.8844, 0.5535



5.5940, 14.8844, 16.8842



14.3819, 14.8844, 74.8116

Rectangle

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



28.7071, 14.8844, 15.5473



22.4718, 14.8844, 1.8115



5.5940, 14.8844, 16.8842



8.1837, 14.8844, 56.7226

Sweetspot

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



28.7075, 14.8853, 15.5475



71.5312, 61.5213, 74.6745



18.8821, 8.8317, 59.7410



14.8012, 12.3545, 15.1807



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.



28.7075, 14.8853, 15.5475



44.5853, 22.5981, 19.5461



26.1969, 13.9779, 2.0278



12.0355, 11.8990, 13.4629



17.6132, 8.9181, 8.1350



1.0247, 0.5146, 0.6651

Inverse Universe

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



28.7075, 14.8853, 15.5475



44.5853, 22.5981, 19.5461



33.1414, 47.8031, 66.5117



12.0355, 11.8990, 13.4629



17.6132, 8.9181, 8.1350



1.0247, 0.5146, 0.6651

Previews

White Background



This preview shows how the XYZ color 28.7071, 14.8844, 15.5473 looks on a white background.

Color Contrast Check

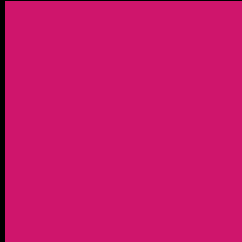
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7071, 14.8844, 15.5473 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 28.7071, 14.8844, 15.5473

Background



This preview shows how black text looks on a background with the XYZ color 28.7071, 14.8844, 15.5473.



This preview shows how white text looks on a background with the XYZ color 28.7071, 14.8844,

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

28.7071, 14.8844, 15.5473

Protanopia

15.8097, 15.2814, 32.6882

Deuteranopia

15.4721, 15.2150, 13.9257



Tritanopia

26.3919, 14.9966, 4.1929

Trichromacy



Original Color

28.7071, 14.8844, 15.5473

Protanomaly

17.2531, 12.2093, 25.1142

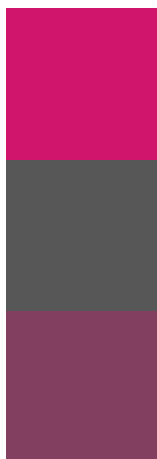
Deuteranomaly

18.1735, 12.7269, 14.0691

Tritanomaly

26.9126, 14.7319, 7.0553

Monochromacy



Original Color

28.7071, 14.8844, 15.5473

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

13.2031, 9.2065, 11.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7071, 14.8844, 15.5473 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, 21, 108)` looks like.

```
.text, #text, p{  
    color:rgb(207, 21, 108)  
}
```

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, 21, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 21, 108) }
```

Border

The CSS property to change the border of an element to XYZ 28.7071, 14.8844, 15.5473 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, 21, 108) }
```


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

```
.border{ border-color:rgb(207, 21, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 21, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 21, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 21, 108);  
box-shadow:4px 4px 4px 4px rgb(207, 21,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7071, 14.8844, 15.5473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 21, 108) }
```

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

```
.background{ background-color: rgb(207, 21,  
108) }
```

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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