

Converting Colors

XYZ(28.5134, 16.1855, 14.6404)

Have a look what the booklet for
XYZ(28.5134, 16.1855, 14.6404)
contains.

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Color

**XYZ(28.5844, 16.2045,
14.7179)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3368
RGB	204, 51, 104
RGB Percent	80%, 20%, 41%
CMY	0.2000, 0.8000, 0.5922
CMYK	0.00, 0.75, 0.49, 0.20
HSL	339°, 60%, 50%
HSV	339°, 75%, 80%
XYZ	28.5844, 16.2045, 14.7179
YIQ	102.7890, 74.1750, 48.9190

Conversions

Conversions Part 2

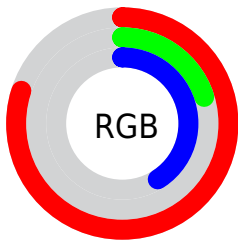
Format	Color
R_{YB}	204, 51, 104
Decimal	13382504
CIE _{Lab}	47.24, 62.40, 6.40
CIE _{LCh}	47, 62.725, 5.852
Yxy	16.2045, 0.4804, 0.2723
Android (android.graphics.Color)	4291572584 (0xFFCC3368)
YUV	102.7890, 0.5970, 88.7620
Hunter-Lab	40.2548, 56.3045, 6.5009

Details

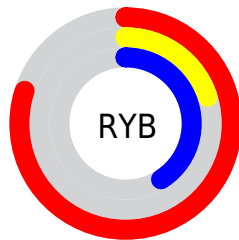
The XYZ color **28.5844, 16.2045, 14.7179** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **28.5454, 46.1245, 36.6809**, and the grayscale version is **12.8223, 13.4901, 14.6907**.

A 20% lighter version of the original color is **52.7323, 34.7784, 34.9440**, and **12.2401, 6.2247, 4.4273** is the 20% darker color. If you saturate the color by 10%, you get **27.2557, 14.5467, 11.1934**, and if you desaturate by 10%, it is **30.4119, 18.6885, 18.9373**.

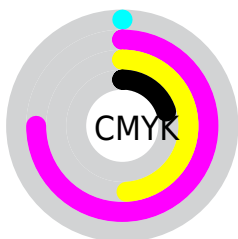
Distribution



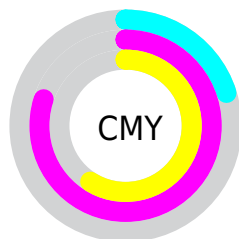
- Red (80%)
- Green (20%)
- Blue (41%)



- Red (80%)
- Yellow (20%)
- Blue (41%)



- Cyan (0%)
- Magenta (75%)
- Yellow (49%)
- Black (20%)





- Cyan (20%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5844, 16.2045, 14.7179 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 28.5844, 16.2045, 14.7179 by changing the saturation by 10% instead.


 28.5844, 16.2045,
14.7179


 28.5844, 16.2045,
14.7179


287.2787,
230.5454, 233.2340


 18.9093, 9.6690,
8.4772

 56.8183, 36.9529,
35.0928


 11.7084, 5.1800,
4.3097


 76.1078, 51.9345,
50.0641


 6.6162, 2.3533,
1.7967


 99.3329, 70.5003,
68.7827

 3.2675, 0.8017,
0.4258

 126.8588, 93.0346,
91.6671

 1.2967, 0.0000,
0.0000

 159.0510,
119.9219, 119.1359

 0.1808, 0.0000,
0.0000

196.2748,

 0.0000, 0.0000,

151.5465, 151.6077

0.0000

238.8956,
188.2929, 189.5008

■ 28.5844, 16.2045,
14.7179

■ 28.5844, 16.2045,
14.7179

■ 27.2557, 14.5467,
11.1934

■ 30.4119, 18.6885,
18.9373

■ 26.3640, 13.5995,
8.3182

■ 32.7869, 22.0886,
23.8907

■ 26.0282, 13.2879,
7.0968

■ 35.7535, 26.4859,
29.6146

■ 39.3508, 31.9518,
36.1427

■ 43.6142, 38.5510,
43.5064

■ 48.5766, 46.3431,
51.7353

■ 54.2685, 55.3835,
60.8575

■ 60.7187, 65.7239,
70.8997

■ 67.9544, 77.4135,
81.8876

Harmonies

Analogous

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



27.2832, 16.2045, 33.2623



28.5844, 16.2045, 14.7179



25.7268, 16.2045, 5.1438

Triad

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



28.5844, 16.2045, 14.7179



9.9763, 16.2045, 2.6827



11.4489, 16.2045, 62.5658

Complementary

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



28.5844, 16.2045, 14.7179



28.5454, 46.1245, 36.6809

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.



8.2915, 16.2045, 42.1617



28.5844, 16.2045, 14.7179



7.5947, 16.2045, 7.8887

Square

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



28.5844, 16.2045, 14.7179



14.3431, 16.2045, 1.3808



7.0615, 16.2045, 20.9342



16.5116, 16.2045, 68.5758

Rectangle

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



28.5844, 16.2045, 14.7179



22.1741, 16.2045, 2.5374



7.0615, 16.2045, 20.9342



10.1714, 16.2045, 56.7447

Sweetspot

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



28.5848, 16.2054, 14.7182



74.3387, 67.1401, 75.5982



24.7447, 13.2554, 58.3811



15.4537, 13.6554, 15.4111



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.



28.5848, 16.2054, 14.7182



44.1477, 22.9966, 15.4739



27.9456, 17.9686, 5.1286



11.3701, 11.2768, 12.4833



16.4223, 8.3795, 4.6765



0.8828, 0.4465, 0.4289

Inverse Universe

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



28.5848, 16.2054, 14.7182



44.1477, 22.9966, 15.4739



28.7992, 38.1324, 62.9691



11.3701, 11.2768, 12.4833



16.4223, 8.3795, 4.6765



0.8828, 0.4465, 0.4289

Previews

White Background



This preview shows how the XYZ color 28.5844, 16.2045, 14.7179 looks on a white background.

Color Contrast Check

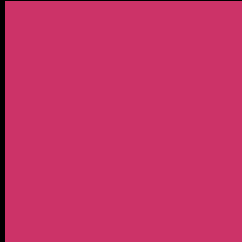
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5844, 16.2045, 14.7179 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 28.5844, 16.2045, 14.7179

Background



This preview shows how black text looks on a background with the XYZ color 28.5844, 16.2045, 14.7179.

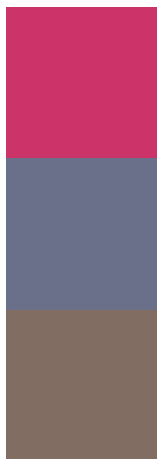


This preview shows how white text looks on a background with the XYZ color 28.5844, 16.2045,

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

28.5844, 16.2045, 14.7179

Protanopia

16.4450, 16.5491, 26.3723

Deuteranopia

16.6796, 16.4675, 13.6087



Tritanopia

26.9513, 16.2642, 6.5693

Trichromacy



Original Color

28.5844, 16.2045, 14.7179

Protanomaly

18.5774, 14.5695, 21.5717

Deuteranomaly

19.5003, 14.9675, 13.9178

Tritanomaly

27.5030, 16.1873, 9.0720

Monochromacy



Original Color

28.5844, 16.2045, 14.7179

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

16.4337, 12.8954, 14.4549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5844, 16.2045, 14.7179 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, 51, 104)` looks like.

```
.text, #text, p{  
    color:rgb(204, 51, 104)  
}
```

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, 51, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 51, 104) }
```

Border

The CSS property to change the border of an element to XYZ 28.5844, 16.2045, 14.7179 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, 51, 104) }
```


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

```
.border{ border-color:rgb(204, 51, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 51, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 51, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 51, 104);  
box-shadow:4px 4px 4px 4px rgb(204, 51,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5844, 16.2045, 14.7179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 51, 104) }
```

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

```
.background{ background-color: rgb(204, 51,  
104) }
```

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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