

Converting Colors

XYZ(27.5331, 13.8899, 15.0217)

Have a look what the booklet for
XYZ(27.5331, 13.8899, 15.0217)
contains.

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Color

**XYZ(27.5557, 13.8989,
15.1403)**

Conversions

Conversions Part 1

Format	Color
Hex	CC006B
RGB	204, 0, 107
RGB Percent	80%, 0%, 42%
CMY	0.2000, 0.9998, 0.5804
CMYK	0.00, 1.00, 0.48, 0.20
HSL	329°, 100%, 40%
HSV	329°, 100%, 80%
XYZ	27.5557, 13.8989, 15.1403
YIQ	73.1940, 87.2370, 76.5250

Conversions

Conversions Part 2

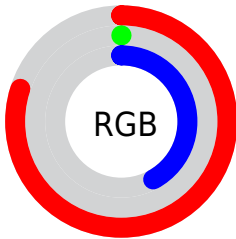
Format	Color
R_{YB}	204, 0, 107
Decimal	13369451
CIE Lab	44.09, 71.93, -0.02
CIE LCh	44, 71.925, 359.988
Yxy	13.8989, 0.4869, 0.2456
Android (android.graphics.Color)	4291559531 (0xFFCC006B)
YUV	73.1940, 16.6664, 114.7169
Hunter-Lab	37.2812, 66.6927, 2.0186

Details

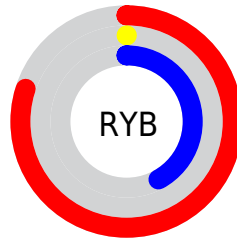
The XYZ color **27.5557, 13.8989, 15.1403** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **23.7528, 44.0497, 18.5691**, and the grayscale version is **6.3315, 6.6612, 7.2541**.

A 20% lighter version of the original color is **50.9013, 30.7081, 35.5922**, and **12.1433, 6.1659, 4.8251** is the 20% darker color. If you saturate the color by 10%, you get **27.5547, 13.8985, 15.1353**, and if you desaturate by 10%, it is **28.3532, 14.6306, 18.0675**.

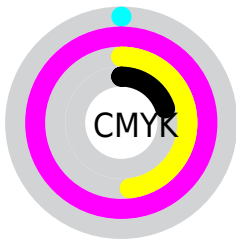
Distribution



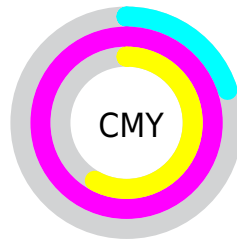
- Red (80%)
- Green (0%)
- Blue (42%)



- Red (80%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5557, 13.8989, 15.1403 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 27.5557, 13.8989, 15.1403 by changing the saturation by 10% instead.


 27.5557, 13.8989,
15.1403


 27.5557, 13.8989,
15.1403


282.4565,
216.6010, 235.8838


 18.1297, 8.0504,
8.7702


 55.1879, 32.9095,
35.8449


 11.1434, 4.1272,
4.4968


 74.1249, 46.8404,
51.0165


 6.2314, 1.7450,
1.9017


 96.9630, 64.2343,
69.9590

 3.0283, 0.4525,
0.4938

 124.0674, 85.4754,
93.0909

 1.1687, 0.0000,
0.0000

 155.8036,
110.9482, 120.8308

 0.0815, 0.0000,
0.0000

 192.5370,

 0.0000, 0.0000,

141.0372, 153.5972

0.0000

234.6328,
176.1266, 191.8087

■ 27.5557, 13.8989,
15.1403

■ 27.5557, 13.8989,
15.1403

■ 27.5547, 13.8985,
15.1353

■ 28.3532, 14.6306,
18.0675

■ 29.4812, 15.9289,
21.3963

■ 31.0347, 17.9809,
25.1668

■ 33.0652, 20.8868,
29.4045

■ 35.6162, 24.7313,
34.1314

■ 38.7260, 29.5886,
39.3681

■ 42.4293, 35.5254,
45.1333

■ 46.7576, 42.6029,
51.4447

■ 51.7404, 50.8775,
58.3187

Harmonies

Analogous

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



25.2161, 13.8989, 37.0080



27.5557, 13.8989, 15.1403



25.2197, 13.8989, 4.2138

Triad

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



27.5557, 13.8989, 15.1403



8.4378, 13.8989, 0.9589



8.4348, 13.8989, 62.1238

Complementary

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



27.5557, 13.8989, 15.1403



23.7528, 44.0497, 18.5691

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.



5.7870, 13.8989, 36.9868



27.5557, 13.8989, 15.1403



5.7883, 13.8989, 4.2088

Square

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



27.5557, 13.8989, 15.1403



13.2128, 13.8989, 0.2858



4.9781, 13.8989, 15.1268



13.2081, 13.8989, 73.6011

Rectangle

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



27.5557, 13.8989, 15.1403



21.6254, 13.8989, 1.5538



4.9781, 13.8989, 15.1268



7.3225, 13.8989, 54.3873

Sweetspot

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



27.5561, 13.8997, 15.1405



69.9960, 58.3945, 74.3367



15.6417, 6.8052, 57.6158



14.3987, 11.5587, 15.0183



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.



27.5561, 13.8997, 15.1405



45.5241, 22.9736, 24.4897



24.9397, 12.8532, 1.3628



11.4540, 11.3103, 12.9252



17.3907, 8.7669, 9.7759



0.9354, 0.4676, 0.7055

Inverse Universe

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



27.5561, 13.8997, 15.1405



45.5241, 22.9736, 24.4897



31.6944, 47.2264, 60.3894



11.4540, 11.3103, 12.9252



17.3907, 8.7669, 9.7759



0.9354, 0.4676, 0.7055

Previews

White Background



This preview shows how the XYZ color 27.5557, 13.8989, 15.1403 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 27.5557, 13.8989, 15.1403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

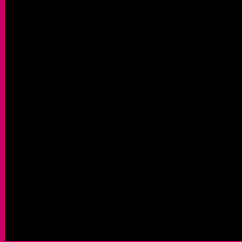
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5557, 13.8989, 15.1403

Background



This preview shows how black text looks on a background with the XYZ color 27.5557, 13.8989, 15.1403.



This preview shows how white text looks on a background with the XYZ color 27.5557, 13.8989,

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

27.5557, 13.8989, 15.1403

Protanopia

15.1008, 14.6099, 32.5959

Deuteranopia

14.8006, 14.5754, 13.5885



Tritanopia

25.3514, 14.2479, 3.6994

Trichromacy



Original Color

27.5557, 13.8989, 15.1403

Protanomaly

15.8826, 10.6457, 24.8846

Deuteranomaly

17.0597, 11.4153, 13.6162

Tritanomaly

25.7324, 13.7338, 6.4489

Monochromacy



Original Color

27.5557, 13.8989, 15.1403

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

10.5018, 6.6748, 9.3292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5557, 13.8989, 15.1403 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, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 107) }
```

Border

The CSS property to change the border of an element to XYZ 27.5557, 13.8989, 15.1403 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, 0, 107) }
```


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

```
.border{ border-color:rgb(204, 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(204, 0, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5557, 13.8989, 15.1403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 107) }
```

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

```
.background{ background-color: rgb(204, 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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