

Converting Colors

XYZ(27.5157, 14.4673, 13.3950)

Have a look what the booklet for
XYZ(27.5157, 14.4673, 13.3950)
contains.

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Color

**XYZ(27.5715, 14.4963,
13.4015)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1A64
RGB	204, 26, 100
RGB Percent	80%, 10%, 39%
CMY	0.2000, 0.8980, 0.6078
CMYK	0.00, 0.87, 0.51, 0.20
HSL	335°, 77%, 45%
HSV	335°, 87%, 80%
XYZ	27.5715, 14.4963, 13.4015
YIQ	87.6580, 82.3340, 60.7500

Conversions

Conversions Part 2

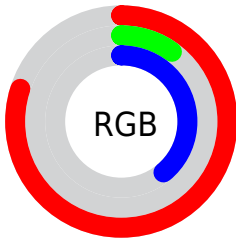
Format	Color
R_{YB}	204, 26, 100
Decimal	13376100
CIE _{Lab}	44.94, 68.33, 5.58
CIE _{LCh}	45, 68.557, 4.666
Yxy	14.4963, 0.4971, 0.2613
Android (android.graphics.Color)	4291566180 (0xFFCC1A64)
YUV	87.6580, 6.0846, 102.0319
Hunter-Lab	38.0740, 62.6322, 5.7826

Details

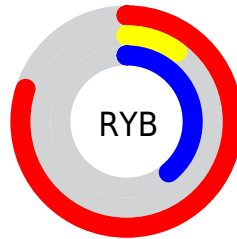
The XYZ color **27.5715, 14.4963, 13.4015** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **26.0500, 45.0177, 28.4426**, and the grayscale version is **9.1783, 9.6563, 10.5157**.

A 20% lighter version of the original color is **51.0088, 31.8601, 32.7393**, and **11.9935, 6.1060, 4.0365** is the 20% darker color. If you saturate the color by 10%, you get **26.7275, 13.6653, 10.4789**, and if you desaturate by 10%, it is **28.8155, 15.9925, 16.8742**.

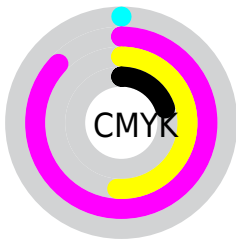
Distribution



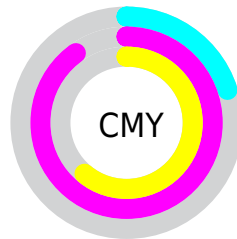
- Red (80%)
- Green (10%)
- Blue (39%)



- Red (80%)
- Yellow (10%)
- Blue (39%)



- Cyan (0%)
- Magenta (87%)
- Yellow (51%)
- Black (20%)





- Cyan (20%)
- Magenta (90%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5715, 14.4963, 13.4015 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 27.5715, 14.4963, 13.4015 by changing the saturation by 10% instead.


 27.5715, 14.4963,
13.4015


 27.5715, 14.4963,
13.4015


282.5310,
220.2969, 224.7725


 18.1417, 8.4667,
7.5716


 55.2130, 33.9671,
32.7249


 11.1521, 4.3950,
3.7383


 74.1555, 48.1770,
47.0556


 6.2373, 1.8969,
1.4829


 96.9995, 65.8825,
65.0569

 3.0319, 0.5465,
0.2051

 124.1105, 87.4679,
87.1474

 1.1707, 0.0000,
0.0000

 155.8538,
113.3176, 113.7457

 0.0830, 0.0000,
0.0000

 192.5947,

 0.0000, 0.0000,

143.8161, 145.2703

0.0000

234.6987,
179.3477, 182.1397

■ 27.5715, 14.4963,
13.4015

■ 27.5715, 14.4963,
13.4015

■ 26.7275, 13.6653,
10.4789

■ 28.8155, 15.9925,
16.8742

■ 26.5333, 13.4899,
9.7571

■ 30.5263, 18.2816,
20.9360

■ 32.7549, 21.4604,
25.6198

■ 35.5446, 25.6107,
30.9552

■ 38.9341, 30.8053,
36.9697

■ 42.9585, 37.1097,
43.6887

■ 47.6499, 44.5841,
51.1363

■ 53.0384, 53.2842,
59.3352

■ 59.1521, 63.2624,
68.3071

Harmonies

Analogous

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



26.0110, 14.4963, 33.0405



27.5715, 14.4963, 13.4015



24.6933, 14.4963, 3.9251

Triad

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



27.5715, 14.4963, 13.4015



8.5076, 14.4963, 1.5697



9.6582, 14.4963, 63.4201

Complementary

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



27.5715, 14.4963, 13.4015



26.0500, 45.0177, 28.4426

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.



6.6733, 14.4963, 40.6891



27.5715, 14.4963, 13.4015



6.1465, 14.4963, 5.9107

Square

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



27.5715, 14.4963, 13.4015



12.9191, 14.4963, 0.6395



5.5799, 14.4963, 18.4334



14.6747, 14.4963, 70.9515

Rectangle

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



27.5715, 14.4963, 13.4015



21.0073, 14.4963, 1.6145



5.5799, 14.4963, 18.4334



8.4331, 14.4963, 56.7907

Sweetspot

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



27.5719, 14.4972, 13.4017



71.8013, 62.4975, 73.4200



20.4506, 9.8327, 57.9466



14.8340, 12.5336, 14.8420



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.



27.5719, 14.4972, 13.4017



43.8412, 22.3005, 15.6278



25.8763, 14.4877, 2.4111



11.4025, 11.2897, 12.6541



16.7445, 8.5084, 6.3731



0.9014, 0.4539, 0.5264

Inverse Universe

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



27.5719, 14.4972, 13.4017



43.8412, 22.3005, 15.6278



29.5594, 41.0471, 63.4915



11.4025, 11.2897, 12.6541



16.7445, 8.5084, 6.3731



0.9014, 0.4539, 0.5264

Previews

White Background



This preview shows how the XYZ color 27.5715, 14.4963, 13.4015 looks on a white background.

Color Contrast Check

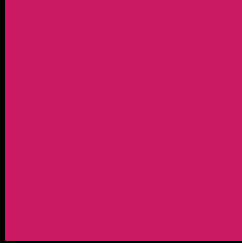
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5715, 14.4963, 13.4015 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 27.5715, 14.4963, 13.4015

Background



This preview shows how black text looks on a background with the XYZ color 27.5715, 14.4963, 13.4015.



This preview shows how white text looks on a background with the XYZ color 27.5715, 14.4963,

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

27.5715, 14.4963, 13.4015

Protanopia

14.9988, 14.8278, 27.2708

Deuteranopia

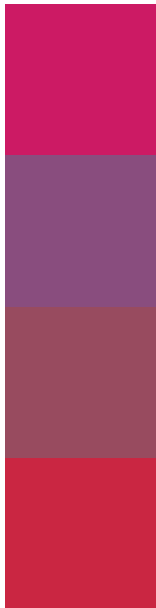
14.9504, 14.6842, 12.1716



Tritanopia

25.5189, 14.4915, 4.0369

Trichromacy



Original Color

27.5715, 14.4963, 13.4015

Protanomaly

16.7363, 12.1325, 21.1984

Deuteranomaly

17.5305, 12.5338, 12.3218

Tritanomaly

26.0336, 14.3361, 6.5493

Monochromacy



Original Color

27.5715, 14.4963, 13.4015

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

13.0280, 9.2991, 11.2335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5715, 14.4963, 13.4015 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, 26, 100)` looks like.

```
.text, #text, p{  
    color:rgb(204, 26, 100)  
}
```

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, 26, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 26, 100) }
```

Border

The CSS property to change the border of an element to XYZ 27.5715, 14.4963, 13.4015 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, 26, 100) }
```


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

```
.border{ border-color:rgb(204, 26, 100) }
```

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

Here you see how a box with a 4 pixel rgb(204, 26, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 26, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 26, 100);  
box-shadow:4px 4px 4px 4px rgb(204, 26,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5715, 14.4963, 13.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 26, 100) }
```

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

```
.background{ background-color: rgb(204, 26,  
100) }
```

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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